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The Shenandoah Nurseries
(LAKES)

Shenandoah, Iowa

WHOLESALE
TRADE LIST

★

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LONG DISTANCE PHONES
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A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK FOR 90 YEARS

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TERMS AND CONDITIONS OF SALE

TERMS—1% discount for cash if paid on or before 10th of month following date of invoice and is due NET 30 days thereafter.

Cash security, or satisfactory reference is required from parties unknown to us. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—EXCEPTING PATENTED ITEMS. Fruit Trees, Shade Trees, Shrubs, Roses, Evergreens, Vines and Perennials (including Peonies and Lilies) as follows:

300 or more take 1000 rates where published.

30 to 300 take 100 rates where published.

Under 30 take 10 rates.

PATENTED ITEMS — See individual headings.

All grades and varieties in any one class (except Patented Varieties) are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGING, PRIVET and LINING OUT STOCK
300 of same variety and grade take 1000 rates.
Under 300 of same variety and grade take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for **TEN OF A KIND** and size, and beyond that for multiples of ten. **ORDERS FOR BROKEN LOTS CANNOT BE ACCEPTED.**

NOTICE — The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE.** All sales and contracts are made subject to crop condition and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility.

ALL SHIPMENTS TRAVEL AT RISK AND EXPENSE OF PURCHASER.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged actual cost of material and labor used.

CLAIMS—For any cause must be made promptly upon receipt of goods. We will not entertain claims after goods have been accepted, or when report is not made in writing within ten days after arrival of stock.

GUARANTEE—We give no warranty, expressed or implied, as to life, description, quality, productiveness, or any other matter of any nursery stock, seeds or plants that we sell and will not be in any way responsible for the results secured in transplanting. It is mutually agreed that our total liability for any errors, should stock prove untrue to name as labeled, shall be limited upon satisfactory proof, to our replacing free or refunding purchase price.

THE SHENANDOAH NURSERIES

D. S. LAKE, President

Please note that calipers shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

	Per 10	Per 100	Per 1000
Standard First Class, 5 ft. and up, 1 in. and up	$11.00	$100.00	$900.00
Standard First Class, 4½ ft. and up, 11/16 to 1 in.	9.50	90.00	850.00
Standard First Class, 4 ft. and up, 9/16 to 11/16 in.	8.50	80.00	750.00
Standard First Class, 3 ft. and up, 7/16 to 9/16 in.	6.50	60.00	550.00
Standard First Class, 2 ft. and up, 5/16 to 7/16 in.	4.00	35.00	

S. Summer F. Fall W. Winter

Anoka	S	Red Striped	McIntosh Dark Red	W	Red
Baldwin	W	Red	McIntosh Early	F&W	Red
Beacon	S	Dark Red	Minjon	W	Dark Red
Chestnut Crab	F	Yellow and Red	Monroe	W	Red
Cortland	W	Red Striped	Northern Red Spy	W	Red
Delicious Dark Red	W	Red	N. W. Greening	W	Green
Delicious Yellow	W	Yellow	Prairie Spy	W	Red
Dolgo	F	Red	Red June	S	Red
Duchess Dark Red	S	Red	Redwell	W	Red
Early Harvest	S	Yellow	Rhode Island Greening	W	Green
Fameuse	W	Red Striped	Roman Stem	F&W	Yellow
Fireside	W	Red	Rome Beauty Red	W	Red
Grimes Golden	W	Yellow	Stayman Dark Red	W	Red
Haralson	W	Red	Tolman Sweet	W	Yellow
Hibernal	F	Red Striped	Turley	W	Red
Hyslop	F	Deep Crimson	Victory	W	Red
Idared	W	Red	Virginia Crab	F	Red Striped
Joan	W	Red	Wealthy	F	Red
Jonathan Dark Red	W	Red	Whitney Crab	F	Red Striped
Lodi	S	Yellow	Winesap Dark Red	W	Red
Maiden Blush	F	Yellow	Yellow Transparent	S	Yellow

APPLE

New and Patented Varieties

CONNELL RED
Plant Patent No. 1602

Early bearing Red Sport of Fireside. Smooth round fruit of dark red, clings well until late harvest. Sub-acid flavor excellent for dessert, sauce and salad. Stores well.

	10-29 Each	30-99 Each	100-up Each
5 ft. and up, 1 in. and up	$ 2.10	$ 1.90	$
4½ ft. and up, 11/16 in. and up	1.65	1.50	1.40
4 ft. and up, 9/16 to 11/16 in.	1.35	1.20	1.12
3 ft. and up, 7/16 to 9/16 in.	1.10	1.00	

SUGGESTED RETAIL	EACH	Per 3 Each	Per 12 Each	Per 100 Each	Per 500 Each
11/16 in.	$ 3.00	$ 2.75	$ 2.50	$ 2.00	$ 1.90
9/16 in.	2.50	2.25	2.00	1.75	1.60
7/16 in.	2.00	1.80	1.60	1.35	1.10

JONADEL

Tree resembles Jonathan in form and character. Fruit larger than Jonathan, bright red, smooth and good handling quality. Flesh is firm, crisp and juicy. Flavor milder than Jonathan but more acid than Delicious.

	Per 10 Each	Per 100 Each
5 ft. and up, 1 in. and up	$ 1.25	$ 1.20
4½ ft. and up, 11/16 in. and up	1.10	1.00
4 ft. and up, 9/16 to 11/16 in.	.90	.80
3 ft. and up, 7/16 to 9/16 in.	.70	.65
2 ft. and up, 5/16 to 7/16 in.	.60	.55

APPLE — DWARF

Dwarfing stock is Malling No. 2, 7 and 9. Order desired understock or we will ship any available and indicate type booked.

ONE YEAR	Per 10	Per 100
4 ft. and up, 11/16 in. and up	$19.00	$175.00
3½ ft. and up, 9/16 to 11/16 in.	16.50	150.00
2½ ft. and up, 7/16 to 9/16 in.	14.00	125.00
2 ft. and up, 5/16 to 7/16 in.	10.00	90.00

Anoka **Beacon** **Delicious Dark Red** **Delicious Yellow** **Fireside** **Stayman Dark Red** **Jonathan** **Yellow Transparent**

APPLE — QUINTUPLET

Our 5-N-1 Apple are budded to a strong two-year graft and then grown another full year to producing a strongly branched tree of five varieties. Following varieties.

Delicious Dark Red **McIntosh Dark Red** **Stayman Dark Red** **Yellow Delicious** **Yellow Transparent**

	Per 10	Per 100	Per 1000
Three Years, 1 in. and up	$25.00	$225.00	$2000.00
Three Years, 11/16 to 1 in.	20.00	185.00	1600.00
Three Years, 9/16 to 11/16 in.	18.00	165.00	
Three Years 7/16 to 9/16 in.	16.00	135.00	

Available on either Beacon, Fireside or Yellow Delicious

APPLE — SEMI-DWARF

Delcon, truly a semi-dwarf tree of height to 12 feet. Produced by the Missouri State Experimental Station. Combines the Jonathan and Delicious flavor in a full sized, dark red fruit. Hardiness similar to Red Delicious.

	Per 10	Per 100	Per 1000
1 inch and up	$16.50	$150.00	$
11/16 in. and up	13.50	120.00	1100.00
9/16 to 11/16 in.	10.00	90.00	850.00
7/16 to 9/16 in.	7.50	70.00	650.00
5/16 to 7/16 in.	5.50	50.00	450.00

APRICOTS

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 in. and up	$13.00	$120.00	$
3 ft. and up, 9/16 to 11/16 in.	11.00	100.00	
2½ ft. and up, 7/16 to 9/16 in.	7.50	70.00	
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00	

Chinese Early Golden **Moorpark** **Superb**

CHERRY — SOUR

ONE and TWO YEAR. Please specify.

	Per 10	Per 100
5 ft. and up, 1 in. and up	$13.50	$
4 ft. and up, 11/16 in. and up	12.00	110.00
3½ ft. and up, 9/16 to 11/16 in.	9.50	90.00
3 ft. and up, 7/16 to 9/16 in.	8.00	75.00
2 ft. and up, 5/16 to 7/16 in.	6.00	55.00

Early Richmond **Montmorency**

CHERRY—Continued

CHERRY — SWEET

ONE and TWO YEAR. Please specify.

	Per 10	Per 100
4½ ft. and up, 11/16 in. and up	$16.50	$150.00
4 ft. and up, 9/16 to 11/16 in.	14.00	125.00
3 ft. and up, 7/16 to 9/16 in.	11.00	100.00
2 ft. and up, 5/16 to 7/16 in.	8.50	80.00

Governor Wood, Kansas Sweet, Yellow Glass, Yellow Spanish

CHERRY — IMPROVED BESSEY

Prunus besseyi Improved. Referred to as Hansen Bush Cherry. The fruit is large and sweet and shaped like a plum. Very hardy, and bears well in poor soil. Will bear fruit the first year planted.

	Per 10	Per 100	Per 1000
2 to 3 ft. transplants	$ 4.00	$ 35.00	$300.00
18 to 24 in. transplants	3.50	30.00	250.00
12 to 18 in. transplants	3.00	25.00	200.00
9 to 12 in.	2.50	20.00	150.00

NECTARINE

	Per 10	Per 100
4½ ft. and up, 11/16 in. and up	$12.00	$110.00
4 ft. and up, 9/16 to 11/16 in.	9.50	90.00
3 ft. and up, 7/16 to 9/16 in.	7.50	70.00

Surecrop, Hunter

PEACH

ONE YEAR

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$ 8.50	$ 80.00	$
4 ft. and up, 9/16 to 11/16 in.	7.50	70.00	
3 ft. and up, 7/16 to 9/16 in.	6.00	55.00	
2 ft. and up, 5/16 to 7/16 in.	4.50	40.00	

Belle of Georgia, Champion, Elberta, Golden Jubilee, Heath Cling, Indian Cling, J. H. Hale, Mayflower, Polly, Red Haven

SUMMERLONG
Plant Patent No. 1503

This variety bears fruit over an extended period, often 3 or 4 weeks after first picking. Excellent quality fruit is medium sized, freestone, juicy and sweet. Elberta type color, reddish tinge with yellow flesh.

	Per 10	Per 100
4½ ft. and up, 11/16 in. and up	$14.00	$125.00
4 ft. and up, 9/16 to 11/16 in.	12.00	100.00

PEACH — DWARF

	Per 10	Per 100
4½ ft. and up, 1 in. and up	$18.50	$165.00
4 ft. and up, 11/16 in. and up	15.00	135.00
3½ ft. and up, 9/16 to 11/16 in.	11.00	100.00

Belle of Georgia, Elberta, Hale Haven, J. H. Hale, Early Elberta, Sullivans

PEAR — STANDARD

TWO YEAR	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 7/8 in.	$11.00	$100.00	$ ----
4 ft. and up, 9/16 to 11/16 in.	9.00	85.00	800.00
3 ft. and up, 7/16 to 9/16 in.	7.50	70.00	650.00
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00	400.00

Bantam
Bartlett
Beurre de Anjou
Douglas
Duchesse d'Angouleme
Early Seckel
Golden Spice
Kieffer
Lincoln
Mendel
Orient
Patten
Seckel

PEAR — DWARF

TWO YEAR	Per 10	Per 100
4 ft. and up, 11/16 in. and up	$19.00	$175.00
3½ ft. and up, 9/16 to 11/16 in.	16.50	150.00
3 ft. and up, 7/16 to 9/16 in.	14.00	125.00

Bartlett — Beurre de Anjou — Clapp Favorite

QUADRUPLET PEAR

Our 4-N-1 Pear are Shenandoah grown, budded to two year buds and then grown another year, producing a nice branched tree. Following varieties. Bartlett, Clapp Favorite, Douglas, Kieffer or Seckel. Available on Kieffer or Seckel.

	Per 10	Per 100	Per 1000
Three Years, 11/16 to 1 in.	$16.50	$150.00	$1350.00
Three Years, 9/16 to 11/16 in.	14.00	125.00	1100.00
Three Years, 7/16 to 9/16 in.	11.00	100.00	900.00
Three Years, 5/16 to 7/16 in.	8.50	80.00	----

PLUM

AMERICAN and HARDY HYBRIDS

(On Native Roots)

ONE YEAR, All branched.	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$11.00	$100.00	$ ----
4 ft. and up, 9/16 to 11/16 in.	9.00	85.00	----
3 ft. and up, 7/16 to 9/16 in.	7.50	70.00	----
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00	----

Embers	Yellow	Sapa	Purple
Golden Rod	Yellow	Toka	Red
Opata	Reddish Purple	Waneta	Red
Pipestone	Red		

SMALL FRUITS AND MISCELLAENOUS GARDEN PLANTS

ASPARAGUS, Tied 25 per bundle.

Mary Washington

	Per 100	Per 1000
2 yr. No. 1	$ 3.30	$ 30.00
1 yr. No. 1	2.25	20.00

BLACKBERRY, Tied 25 per bundle.

Early Harvest, very early.

No. 1	6.50	60.00

Ebony King, new, hardy, heavy producer.

No. 1	14.00	120.00

BOYSENBERRY

Thornless, tip plants	8.00	70.00

SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS—Continued

	Per 100	Per 1000
CURRANT, Tied No. 1, 25; No. 2, 50 per bundle.		
Red Lake, light red berries in long clusters. Thrifty and extremely productive.		
2 yr. No. 1	$24.00	$200.00
GOOSEBERRY, Tied 25 per bundle.		
Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.		
2 yr. No. 1	40.00	
GRAPE VINES, Tied; 2 yr. No. 1, 50; 2 yr. No. 2, 100 per bundle. Available January.		
Caco, red, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens September first.		
2 yr. No. 1	27.00	240.00
1 yr. No. 1	21.00	180.00
Concord, black. Large bunches of tender, juicy fruit.		
2 yr. No. 1	21.00	180.00
1 yr. No. 1	17.00	140.00
Delaware, red. Early. Small bunches and berries.		
2 yr. No. 1	27.00	240.00
1 yr. No. 1	21.00	180.00
Fredonia, black. Early. Three weeks ahead of Concord. Large clusters of deliciously flavored fruit. Vigorous and hardy.		
2 yr. No. 1	24.00	200.00
1 yr. No. 1	19.00	160.00
Moore Early, black.		
2 yr. No. 1	24.00	200.00
1 yr. No. 1	19.00	160.00
Niagara, white. Tangy, flavorful fruit. Large bunches.		
2 yr. No. 1	24.00	200.00
1 yr. No. 1	19.00	160.00
HORSERADISH		
Crowns	8.00	75.00
Cuttings	4.50	40.00
RASPBERRY, Tied 25 per bundle.		
Blackhawk, new hybrid black, originated by Iowa State College. Large, juicy, and rich flavor.		
No. 1 tips	14.00	120.00

SMALL FRUIT AND MISCELLANEOUS GARDEN PLANTS—Continued

RASPBERRY—Continued

	Per 100	Per 1000
Cumberland, black cap, large and juicy.		
No. 1 tips	$ 7.00	$ 65.00
Indian Summer, large high-quality, everbearing red.		
No. 1 suckers	9.00	85.00
Latham, late, large, productive red.		
No. 1 suckers	8.50	80.00
Morrison, new black cap. Larger than Cumberland. Vigorous and disease resistant.		
No. 1 tips	8.00	70.00
Sodus, late, very large purple raspberry. Extremely productive.		
No. 1	8.50	80.00

RHUBARB

Chipman Canada Red, sweet and excellent flavor. Stem dark red throughout.

	Per 10	Per 100
No. 1 division	$ 4.50	$ 40.00

Victoria, whole root.

	Per 100	Per 1000
2 yr. 1½ in. and up	$11.00	$100.00
2 yr. 1 to 1½ in.	8.00	75.00
1 yr. ⅝ to 1 in.	6.50	60.00
1 yr. ½ to ⅝ in.	4.50	40.00

Nut, Ornamental and Shade Trees

Our nut, shade and ornamental trees are first class, well shaped, young and vigorous. They have been grown from seedlings transplanted into the nursery row especially for this purpose, and from buds or grafts.

All calipers are taken 6 inches above the collar. Size listed following the name is considered average mature size normally attained.

ACER

platanoides. Norway Maple. 90 feet. Zone 4.

Forms a round head with large, deep green leaves. Yellow fall foliage. Very hardy and transplants easily.

	Per 10	Per 100	Per 1000
4 to 5 ft., whips	$ 5.50	$ 50.00	$
5 to 6 ft., whips	7.50	70.00	
6 to 7 ft., whips	9.00	85.00	
7 to 8 ft., whips	10.00	90.00	
5 to 6 ft., branched	19.00	175.00	
6 to 8 ft., branched	28.00	250.00	
8 to 10 ft., branched	32.50	300.00	
1¼ to 1½ in. cal.	40.00	375.00	
1½ to 1¾ in. cal.	50.00	475.00	
1¾ to 2 in. cal.	60.00	575.00	

platanoides Crimson King. Crimson King Maple. Pat. No. 735. Zone 5.

Hardy, improved form of Schwedler Maple. Leaves are deep purplish red throughout entire spring and summer.

	10-49 each	50-99 each
4 to 5 ft., whips	$ 1.60	$ 1.45
5 to 6 ft., whips	2.10	1.80
6 to 7 ft., whips	2.60	2.30

platanoides Faassen Redleaf. Faassen Redleaf Maple. Zone 5.

A red-leaf Maple that retains its color throughout the summer months. Similar to Crimson King but without patent.

	Per 10	Per 100	Per 1000
4 to 5 ft., whips	$14.00	$125.00	$
5 to 6 ft., whips	16.50	150.00	
6 to 7 ft., whips	22.50	200.00	
7 to 8 ft., whips	27.00	230.00	
5 to 6 ft., branched	32.50	300.00	
6 to 8 ft., branched	45.00	425.00	
8 to 10 ft., branched	60.00	575.00	

platanoides Schwedler. Schwedler Maple. 40-50 feet. Zone 5.

Perfectly shaped tree with purplish red leaves in spring and early summer, turning to yellow in autumn.

	Per 10	Per 100	Per 1000
4 to 5 ft., whips	$11.00	$100.00	$
5 to 6 ft., whips	15.50	140.00	
6 to 7 ft., whips	19.00	175.00	
5 to 6 ft., branched	22.50	200.00	
6 to 8 ft., branched	30.00	275.00	
8 to 10 ft., branched	35.00	325.00	

platanoides variegatum. Silver Variegated Norway Maple. 90 feet. Zone 4.

Popular Norway Maple form with white splotched leaves.

5 to 6 ft., branched	28.00	250.00
6 to 8 ft., branched	32.50	300.00

rubrum. Red Maple. 120 feet. Zone 4.

A fast growing tree producing conspicuous red flowers in early spring and brilliant red leaves early in fall. Available January.

6 to 8 ft., branched	32.50	300.00
8 to 10 ft., branched	42.50	400.00

NUT, ORNAMENTAL and SHADE TREES—Continued

ACER—Continued

saccharinum. Silver Maple. 120 feet. Zone 4.

Very hardy, rapid-growing tree. Leaves finely cut, green with silvery white underneath.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$ 6.50	$ 60.00	$550.00
5 to 6 ft.	10.00	90.00	800.00
6 to 8 ft.	15.50	140.00	1250.00
8 to 10 ft.	22.50	200.00	1750.00
1¼ to 1½ in.	27.50	250.00	2250.00
1½ to 1¾ in.	35.00	325.00	3000.00
1¾ to 2 in. cal.	45.00	400.00	3500.00
2 to 2½ in. cal.	55.00	475.00	-----

saccharum. Sugar Maple. 120 feet. Zone 4.

Stately, upright shade tree. Leaves turn scarlet, orange and yellow in fall. Fine street and lawn specimen.

4 to 5 ft., branched	19.00	175.00	-----
5 to 6 ft., branched	25.00	225.00	-----
6 to 8 ft., branched	32.50	300.00	-----
8 to 10 ft., branched	42.50	400.00	-----

BETULA

pendula. European White Birch. 50-60 feet. Zone 2.

Exceedingly graceful tree with slightly pendulous branches. White bark.

4 to 5 ft.	14.00	125.00	-----
5 to 6 ft.	16.50	150.00	-----
6 to 8 ft.	22.50	200.00	-----
8 to 10 ft.	30.00	275.00	-----

pendula. Clump Form European White Birch. 20-25 feet. Zone 2.

Beautiful form of White Birch having three or more main trunks from the ground.

4 to 5 ft.	25.00	225.00	-----
5 to 6 ft.	30.00	275.00	-----
6 to 7 ft.	35.00	325.00	-----

pendula gracilis. Cutleaf European White Birch. 30-40 feet. Zone 2.

Very slender pendulous branches with laciniate leaves very finely cut.

4 to 5 ft.	18.00	165.00	-----
5 to 6 ft.	25.00	225.00	-----
6 to 8 ft.	30.00	275.00	-----
8 to 10 ft.	37.50	350.00	-----

CELTIS

occidentalis. Common Hackberry. 50-70 feet. Zone 4.

Well formed shade tree of good foliage and dense habit.

4 to 5 ft.	8.00	75.00	-----
5 to 6 ft.	12.00	110.00	1000.00
6 to 8 ft.	22.50	200.00	1750.00
8 to 10 ft.	30.00	275.00	-----

NUT, ORNAMENTAL and SHADE TREES—Continued

CERCIS	Per 10	Per 100	Per 1000
canadensis. Eastern Redbud. 35 feet. Zone 5. Produces an abundance of reddish-pink flowers in early spring. Blooming with the Flowering Dogwood. Forms a broad head of glossy, heart-shaped leaves that turn pale yellow in fall. Grown shrub form.			
18 to 24 in.	$ 4.00	$ 35.00	$300.00
2 to 3 ft.	6.50	60.00	550.00
3 to 4 ft.	10.00	90.00	850.00
4 to 5 ft.	14.00	125.00	1100.00
5 to 6 ft.	16.50	150.00	1350.00
6 to 8 ft.	22.50	200.00	

CORNUS			
mas. Cornelian Cherry. April. 24 feet. Zone 5. Small yellow flowers appear before the shiny green leaves. Edible fruit ½ to ¾" long turn scarlet in August. Red foliage in fall.			
12 to 18 in.	5.00	45.00	
18 to 24 in.	6.00	55.00	
officinalis. Japanesecornel Dogwood. April. 30 feet. Zone 6. Small yellow flowers appear before the leaves. Edible scarlet fruit with pleasant acid taste. Light brown flaky bark.			
12 to 18 in.	6.50	60.00	
18 to 24 in., Moss & Poly root wrapped	7.50	70.00	

CRATAEGUS			
oxyacantha. English Hawthorn. May. 15 feet. Zone 5. Spreading branches with stout 1 inch thorns, covered with a dense foliage of 3 to 5 lobed leaves. Small white flowers in 5 to 12 flowered panicles. Scarlet fruit with 2 stones.			
18 to 24 in., Moss & Poly root wrapped	15.00	135.00	
2 to 3 ft., Moss & Poly root wrapped	19.00	175.00	
3 to 4 ft., Moss & Poly root wrapped	22.50	200.00	
4 to 5 ft., Moss & Poly root wrapped	27.50	250.00	
oxyacantha pauli. Paul's Scarlet Hawthorn. 12-15 feet. Zone 5. Flowers are double bright scarlet. One of the most showy of all the Hawthorn.			
3 to 4 ft.	16.50	150.00	
4 to 5 ft.	19.00	175.00	
5 to 6 ft.	25.00	225.00	
phaenopyrum. Washington Hawthorn. 30 feet. Zone 5. Upright, dense habit. Blooms profusely and displays a brilliant autumn color.			
2 to 3 ft.	19.00	175.00	
3 to 4 ft.	22.50	200.00	
4 to 5 ft.	27.50	250.00	
punctata. Dotted Hawthorn. May. 30 feet. Zone 5. Dense, branching tree sometimes twice as broad as it is high. White flowers in clusters. Red fruits, with small dots, among largest in American Hawthorns.			
18 to 24 in.	16.50	150.00	
2 to 3 ft.	19.00	175.00	
3 to 4 ft.	22.50		

DIOSPYROS			
virginiana. Common Persimmon. 50 feet. Zone 5. Round headed tree, often with pendulous branches. Dense foliage turns yellow in fall. Edible, yellowish-orange fruit, often with red cheek.			
18 to 24 in.	6.50	60.00	
2 to 3 ft.	8.00	75.00	
3 to 4 ft.	10.00	90.00	

NUT, ORNAMENTAL and SHADE TREES—Continued

FRAXINUS

	Per 10	Per 100	Per 1000
pennsylvanica lanceolata. Green Ash. 50-60 feet. Zone 3.			
Shapely, vigorous and dense tree. Yellow autumn foliage. Very hardy.			
3 to 4 ft.	$ 6.00	$ 55.00	$ ----
4 to 5 ft.	8.00	75.00	700.00
5 to 6 ft.	11.00	100.00	900.00
6 to 8 ft.	17.50	160.00	1500.00
8 to 10 ft.	25.00	225.00	2000.00
1¼ to 1½ in. Cal.	32.50	300.00	2750.00
1½ to 1¾ in. Cal.	40.00	375.00	3500.00
1¾ to 2 in. Cal.	50.00	450.00	----

GLEDITSIA

triacanthos inermis. Thornless Honeylocust. May. 50-60 feet. Zone 5.

Broad, open tree with fine textured leaves that appear late in spring and drop early in fall. Long twisted pods remain on tree long after leaves have fallen. Adaptable to most any location.

4 to 5 ft., whips	9.00	80.00	700.00
5 to 6 ft., whips	13.50	120.00	1100.00
6 to 7 ft., whips	16.50	150.00	1350.00
4 to 5 ft.	11.00	100.00	900.00
5 to 6 ft.	16.50	150.00	1350.00
6 to 8 ft.	25.00	225.00	2000.00
8 to 10 ft.	32.50	300.00	2750.00
1¼ to 1½ in. Cal.	42.50	400.00	----

IMPERIAL LOCUST

Plant Patent No. 1605

A new graceful, spreading variety with symmetrically arranged branches that form a more regular and compact tree than any other Honeylocusts. Grows straight and strong without staking. Dainty green leaves are spaced closer than Common Honeylocust, and with the dense branching habit, form a more dense cover.

	10-29 Each	30-99 Each	100-299 Each	300 up Each	Suggested Retail Each
4 to 5 ft., 2 yr. branched	$3.15	$ 2.75	$ 2.25	$ ----	$ ----
5 to 6 ft., 2 yr. branched	3.75	3.35	3.00	2.80	8.00
6 to 8 ft., 2 yr. branched	4.70	4.25	3.85	----	9.75

MAJESTIC HONEYLOCUST

Plant Patent No. 1534

	10-29 Each	30-99 Each	100-299 Each
A strong, graceful tree of spreading habit but much more regular and compact than ordinary Honeylocust. Thornless and grows straight without staking. Bold abundant foliage is extremely dark green when mature. Light seeding.			
3 to 4 ft., 1 yr. branched	$ 1.60	$ 1.40	$ 1.20
4 to 5 ft., 2 yr. branched	2.45	2.25	1.90
5 to 6 ft., 2 yr. branched	3.15	2.75	2.25
6 to 8 ft., 2 yr. branched	3.75	3.35	3.00
8 to 10 ft., 2 yr. branched	4.90	4.45	4.00
1¼ to 1½ in. Cal.	6.10	----	----

NUT, ORNAMENTAL and SHADE TREES—Continued

GLEDITSIA—Continued

triacanthos inermis Moraine. Moraine Honeylocust.

This Honeylocust is a patented variety covered by United States Plant Patent No. 836 and is being handled under license from the patent owner. A new vase form, thornless, seedless and hardy. Resistant to disease and insect damage.

	10-29 Each	30-99 Each	100-299 Each	300 up Each	Suggested Retail Each
3 to 4 ft., whips	$1.45	$ 1.35	$ 1.25	$ 1.10	$
4 to 5 ft., whips	1.80	1.65	1.50	1.35	
5 to 6 ft., whips	2.25	2.00	1.80	1.65	5.00
6 to 7 ft., whips	2.75	2.50	2.25		6.00
7 to 8 ft., whips	3.35	3.00	2.70		7.50
3 to 4 ft., 1 yr. branched	1.80	1.65	1.50		
4 to 5 ft., 1 yr. branched	2.25	2.00	1.80		
5 to 6 ft., 1 yr. branched	2.75	2.50	2.25		6.00
6 to 7 ft., 1 yr. branched	3.35	3.00	2.70		7.50
7 to 8 ft., 1 yr. branched	4.00	3.60	3.25		9.00
4 to 5 ft., 2 yr. branched	3.00	2.70	2.45	2.20	
5 to 6 ft., branched, 2 yr. tops	4.00	3.60	3.25	2.95	
6 to 8 ft., branched, 2 yr. tops	5.50	5.00	4.50	4.05	10.00
8 to 10 ft., branched, 2 yr. tops	7.75	7.00	6.25	5.60	12.50
1¼ to 1½ in. Cal.	10.00	9.00	8.10		16.00

SHADEMASTER HONEYLOCUST

Plant Patent No. 1515

Straight strong trunk holds ascending branches covered with dark green foliage. This rapid grower transplants easily and without staking. Excellent for streets, lawns and parks as its deep roots do not heave sidewalks and grass will grow up to the trunk. Resistant to drouth, diseases and insect pests.

	10-49 Each	50-249 Each	250-up Each
4 to 5 ft., 2 yr. branched	$ 2.75	$ 2.25	$ 2.00
5 to 6 ft., 2 yr. branched	3.75	3.00	2.70
6 to 8 ft., 2 yr. branched	5.00	4.00	3.60

triacanthos inermis Skyline. (Patent No. 1619)

Skyline is a stately and unusual variety with distinctive pyramidal form. Branches are uniformly spaced and arranged and diverge from the trunk at a wide angle. Foliage is dark green and of a heavy, leathery texture.

	10-29 Each	30-99 Each	100-299 Each	300-up Each	Suggested Retail Each
3 to 4 ft., 1 yr. whips	$ 1.65	$ 1.45	$ 1.25	$ 1.20	$ 3.75
4 to 5 ft., 1 yr. whips	1.80	1.60	1.40	1.30	4.00
5 to 6 ft., 1 yr. whips	2.05	1.85	1.65	1.55	4.50
3 to 4 ft., 1 yr. branched	1.80	1.60	1.40	1.30	
4 to 5 ft., 2 yr. branched	3.15	2.75	2.25	2.00	
5 to 6 ft., 2 yr. branched	3.75	3.35	3.00	2.80	8.00
6 to 8 ft., 2 yr. branched	4.70	4.25	3.85	3.60	9.75
1 to 1¼ in. Cal.	6.00	5.40			12.00

NUT, ORNAMENTAL and SHADE TREES—Continued

GLEDITSIA—Continued

Sunburst Locust. Plant Patent No. 1313.

Bright golden foliage on 8 to 10 inches of branch tips contrasts with the rich green of the balance of the tree. Broadly pyramidal head and excellent branching habit. Produces only male flowers and is absolutely seedless.

	10-29 Each	30-99 Each	100-299 Each	300-up Each	Suggested Retail Each
3 to 4 ft., 1 yr. whips	$ 1.65	$ 1.55	$ 1.35	$ 1.30	$ ----
4 to 5 ft., 1 yr. whips	2.05	1.85	1.65	1.55	4.40
5 to 6 ft., 1 yr. whips	2.45	2.20	1.95	1.80	5.40
4 to 5 ft., 1 yr. branched	2.55	2.25	2.00	1.85	5.50
5 to 6 ft., 1 yr. branched	2.95	2.60	2.35	2.20	6.50
6 to 7 ft., 1 yr. branched	3.45	3.10	2.75	2.55	7.75
4 to 5 ft., 2 yr. branched	3.25	2.95	2.40	2.10	----
5 to 6 ft., 2 yr. branched	3.90	3.50	3.15	2.90	8.50
6 to 7 ft., 2 yr. branched	4.70	4.25	3.85	3.60	9.75
7 to 8 ft., 2 yr. branched	5.45	4.95	4.50	4.25	11.25
8 to 10 ft., 2 yr. branched	7.25	6.50	5.90	5.55	14.00
1¼ to 1½ in. Cal.	9.15	8.20	7.40	----	17.50

GYMNOCLADUS

dioicus. Kentucky Coffeetree. 90 feet. Zone 5.

Large branching, open, picturesque habit. Particularly interesting during the long winter months.

	Per 10	Per 100	Per 1000
3 to 4 ft.	$16.50	$150.00	$ ----
4 to 5 ft.	22.50	200.00	----
5 to 6 ft.	27.50	250.00	----

HALESIA

Carolina. Carolina Silverbell. May. 30 feet. Zone 5.

Hardiest and smallest of the Silverbells. Rounded tree with open foliage that turns yellow in fall. White, bell shaped flowers.

18 to 24 in.	6.00	55.00	----
2 to 3 ft.	7.50	70.00	----

JUGLANS

cinerea. Butternut. 30 feet. Zone 4.

Pinnate leaves on a broad growing tree. Very similar to Black Walnut. Oblong, edible nuts in heavy, rough shell.

5 to 6 ft.	14.00	125.00	----

nigra. Eastern Black Walnut. 150 feet. Zone 5.

Rounded, upright tree with coarse, open foliage. Large, rounded nuts in heavy shells.

5 to 6 ft.	14.00	125.00	1150.00
6 to 8 ft.	19.00	175.00	1600.00
8 to 10 ft.	27.50	250.00	----
1¼ to 1½ in. Cal.	32.50	300.00	----

NUT, ORNAMENTAL and SHADE TREES—Continued

LABURNUM

	Per 10	Per 100	Per 1000
watereri (vossi) Waterer Laburnum. 25-30 feet. Zone 6. Dense habit. Flowers are large and deep yellow, pea like in pendulous clusters appearing in late May.			
4 to 5 ft., branched	$22.50	$200.00	$
5 to 6 ft., branched	27.50	250.00	

MALUS

DWARF FLOWERING CRAB

	Per 10	Per 100
3 to 4 ft.	$17.50	$150.00
4 to 5 ft.	22.50	200.00
5 to 6 ft.	25.00	225.00

Hopa **Makamik**

CENTENNIAL CRAB

No. 1472

Small tree with horizontal branches. Large white flowers. Excellent quality fruit of bright red over yellow, up to 2 inches in size. Long bearing season starting in late August. Valuable as both fruiting and ornamental crab.

	Per 10	Per 100
2 to 3 ft.	$ 8.00	$ 75.00
3 to 4 ft.	10.00	95.00
4 to 5 ft.	12.50	120.00
5 to 6 ft.	14.00	135.00

RADIANT CRAB

Minnesota No. 6-C

Tree of good form with reddish-bronze spring foliage, green in summer and fall. No record of scab, rust or fire-blight. Red flowers of medium size when the tree is quite young. Small, bright cherry red fruits often hang on all winter and are well liked by the birds.

	Per 10	Per 100
2 to 3 ft.	$15.00	$125.00
3 to 4 ft.	17.50	150.00

QUINTUPLET FLOWERING CRAB

These 5-N-1 crab are budded on 2 year grafts and then grown one year. Budded on Hopa with the following varieties.

Evelyn **Makamik** **Radiant**
Floribunda **Purpurea Eleyi**

	Per 10	Per 100
2 to 3 ft.	$20.00	$175.00
3 to 4 ft.	22.50	200.00
4 to 5 ft.	25.00	225.00

MALUS, ORNAMENTAL CRABAPPLE—Continued

	Per 10	Per 100	Per 1000
18 to 24 in.	$ 8.00	$ 75.00	$ ----
2 to 3 ft.	11.00	100.00	----
3 to 4 ft.	14.00	125.00	----
4 to 5 ft.	16.50	150.00	----
5 to 6 ft.	21.50	200.00	----

	5/6′	4/5′	3/4′	2/3′
Baccata Mandschurica. 50 ft. Zone 3.				
Single, white annual. Earliest.	X	X	X	X
Halliana parkmanni. 15 ft. Zone 6.				
Double pink flowers, red fruits.	X	X	X	X
Sargenti Rosea. 8 ft. Zone 5.				
Smallest. Bright red buds, single white flowers. Red fruit.	--	X	X	X

	Per 10	Per 100	Per 1000
18 to 24 in.	$ 5.50	$ 50.00	$ ----
2 to 3 ft.	7.50	70.00	----
3 to 4 ft.	10.00	90.00	----
4 to 5 ft.	14.00	125.00	----
5 to 6 ft.	19.00	175.00	----
6 to 8 ft.	22.50	210.00	----

	6/8′	5/6′	4/5′	3/4′	2/3′	18/24″
Almey. 20 ft.						
Single carmine flowers, white center, bright red fruit.	X	X	X	X	X	--
Cowichan. 18 ft. Zone 5.						
Single purplish-red flowers, reddish-purple fruit.	X	X	X	X	X	--
Evelyn.						
Single pink fragrant flowers. Scab and cedar rust resistant. Dull red fruit.	X	X	--	X	--	--
Ioensis Plena. 30 ft. Zone 3.						
Double pink blooms, green fruit.	--	--	--	--	X	X
Irene. 12 ft.						
Single carmine flowers. Purplish-red fruits. Dwarf. Slow grower. Reddish leaves.	--	X	X	--	--	--
Micromalus. 20 ft. Zone 5.						
Pink flowers. Annual. Midget Crab.	--	--	X	X	X	--

MALUS, ORNAMENTAL CRABAPPLE—Continued

	6/8′	5/6′	4/5′	3/4′	2/3′
Red Splendor. Single carmine flowers. Red fruits. purplish foliage.		X	X	X	X
Valley City. Zone 3-4. Single pink flowers. Small maroon fruit. Purple foliage.		X	X		
Van Eseltine. Double carmine flowers. Yellow and red fruit.		X	X	X	X
Wabiskaw. Semi-double, purplish-red. Annual. Red fall foliage.	X	X	X	X	
Zumi Calocarpa. Pink buds. White flowers. Red-orange fruit. Annual.		X	X		

	Per 10	Per 100	Per 1000
3 to 4 ft.	$ 8.00	$ 75.00	$
4 to 5 ft.	11.00	100.00	
5 to 6 ft.	16.50	150.00	
6 to 8 ft.	21.50		

	6/8′	5/6′	4/5′	3/4′	2/3′
Jay Darling. Single purplish-red flowers, purplish-red fruit.	X	X	X	X	
Makamik. 40 ft. Zone 5. Single purplish-red blooms. Bronze foliage. Annual.		X	X	X	
pumila Niedzwetzkyana. 20 ft. Zone 4. Single purplish-red flowers. Large fruit.		X	X	X	X
Red Silver. 30 ft. Zone 5. Single purplish-red flowers, purple fruit. Purplish bronze foliage.		X	X	X	X

	Per 10	Per 100	Per 1000
3 to 4 ft.	$ 7.50	$ 70.00	$
4 to 5 ft.	10.00	90.00	
5 to 6 ft.	13.00	120.00	1100.00
6 to 8 ft.	16.50	150.00	1350.00

	6/8′	5/6′	4/5′	3/4′	2/3′
Hopa. 30 ft. Zone 5. Single carmine blooms, bright red fruits. Annual.	X	X	X	X	X
purpurea Eleyi. 25 ft. Zone 4. Single reddish-purple blooms and fruits.	X	X	X	X	

NUT, ORNAMENTAL and SHADE TREES—Continued

PHELLODENDRON

Amurense. Amur Corktree. 45 feet. Zone 4.
Rugged tree with wide, open, massive branches and deeply furrowed bark. Small whitish flowers in June followed by clusters of round black berries. Hardy.

	Per 10	Per 100	Per 1000
2 to 3 ft.	$ 8.00	$ 75.00	$ ____
3 to 4 ft.	10.00	90.00	____
4 to 5 ft.	15.00	135.00	____
5 to 6 ft.	22.50	200.00	____
6 to 8 ft.	30.00	275.00	____

PLATANUS

acerifolia. London Plane-tree. 100 feet. Zone 6.
Tall tree with straight trunk and broad round head. Large maplelike leaves. Very resistant to twig blight. Large fruit balls and light colored smooth bark mottled by darker blotches of old bark make this a conspicuous winter tree. Used extensively for street planting.

3 to 4 ft.	8.50	80.00	____
4 to 5 ft.	11.00	100.00	____
5 to 6 ft.	15.00	135.00	____
6 to 8 ft.	22.50	200.00	____

occidentalis. American Planetree. 120-150 feet. Zone 6.
Largest leaves on one of most massive and tallest of trees. White bark peals in flakes. Popular as shade and avenue tree.

4 to 5 ft.	8.50	80.00	____
5 to 6 ft.	12.50	110.00	____
6 to 8 ft.	19.00	175.00	____
8 to 10 ft.	28.00	250.00	____
1¼ to 1½ in. Cal.	32.50	300.00	____
1½ to 1¾ in Cal.	40.00	375.00	____
1¾ to 2 in. Cal.	50.00	450.00	____

POPULUS

alba pyramidalis. Bolleana Poplar. 90 feet. Zone 4.
Large tree of irregular habit; rather open and columnar. Large lobed leaves with down white undersurface are lightly red in fall. Whitish gray bark. More resistant to trunk canker than Lombardy.

2 to 3 ft.	3.00	25.00	____
3 to 4 ft.	4.00	35.00	____
4 to 5 ft.	6.50	60.00	____
5 to 6 ft.	10.00	90.00	____
6 to 8 ft.	14.00	125.00	____
8 to 10 ft.	19.00	175.00	____

canadensis eugenei. Carolina Poplar. 150 feet. Zone 6.
Coarse, glossy leaves on wide-spread, open tree. Rapid grower.

4 to 5 ft.	4.50	____	____
5 to 6 ft.	5.50	50.00	____
6 to 8 ft.	8.00	75.00	____
8 to 10 ft.	11.00	100.00	____
1¼ to 1½ in. Cal.	13.50	120.00	____
1½ to 1¾ in. Cal.	16.50	150.00	____

nigra italica. Lombardy Poplar. 50-60 feet. Zone 3.
Rapid spire-like growth. Fine for screens and formal plantings.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$ 3.50	$ 30.00	$250.00
5 to 6 ft.	5.00	45.00	400.00
6 to 8 ft.	6.00	55.00	500.00
8 to 10 ft.	7.00	65.00	600.00
1¼ to 1½ in. Cal.	8.00	75.00	700.00
1½ to 1¾ in. Cal.	11.00	100.00	900.00
1¾ to 2 in. Cal.	14.00	125.00	1100.00

NUT, ORNAMENTAL and SHADE TREES—Continued

	Per 10	Per 100	Per 1000

PRUNUS

cerasifera pissardi rosea. 20 feet. Zone 4.

Deep bronze purple foliage. Single pink flowers in late April.

2 to 3 ft.	$ 8.50	$ 80.00	$
3 to 4 ft.	12.50	110.00	
4 to 5 ft.	16.00	140.00	

cerasifera pissardi Veitchi. 20 feet. Zone 4.

Bronze colored foliage. Plant is completely covered with large clusters of double pink blooms in early spring.

2 to 3 ft.	8.50	80.00	
3 to 4 ft.	12.50	110.00	
4 to 5 ft.	16.00	140.00	

Newport. Purple-leaved Plum. 15 feet. Zone 4.

A large, hardy shrub or small tree with upright growth and distinctive purplish red foliage. On native plum.

2 to 3 ft.	8.50	80.00	
3 to 4 ft.	12.50	110.00	
4 to 5 ft.	16.00	140.00	
5 to 6 ft.	20.00	175.00	

padus. European Birdcherry. 45 feet. Zone 4.

Frequently called "May Day Tree". Produces fragrant flowers in drooping loose racemes followed by black fruit.

2 to 3 ft.	8.00	75.00	
3 to 4 ft.	11.00	100.00	900.00
4 to 5 ft.	14.00	125.00	1100.00
5 to 6 ft.	16.50	150.00	1350.00
6 to 8 ft.	22.50	200.00	

persica. Flowering Peach (tree form on peach). 15-18 feet. Zone 6.

2 to 3 ft.	4.50	40.00	
3 to 4 ft.	7.50	70.00	
4 to 5 ft.	11.00	100.00	
5 to 6 ft.	14.00	125.00	

Cardinal, double red **Helen Borchers,** large, clear pink
Iceberg, white

subhirtella. Weeping Cherry. 30 feet. Zone 6.

Single, light pink flowers in late April before the leaves appear. Weeping.

4 to 5 ft.	42.50	400.00	

Thundercloud. Purple Leaved Plum. 12 feet. Zone 4.

Dense tree with deep solid purple foliage all season. Rosy pink flowers as leaves unfold. Very hardy.

18 to 24 in.	7.00	65.00	

QUERCUS

alba. White Oak. 90 feet. Zone 5.

Majestic tree with broad round head and wide spreading branches. Dense foliage turns purplish red in autumn. Slower growing than Red Oak.

4 to 5 ft.	19.00	175.00	
5 to 6 ft.	25.00	225.00	

borealis. Red Oak. 75 feet. Zone 5.

Pyramidal young trees become broad and round topped with age. Dense foliage an attractive red in fall. Transplants easily and fastest grower of oaks. Fine for street or avenue as it withstands city conditions and is clean in habit.

4 to 5 ft.	19.00	175.00	

NUT, ORNAMENTAL and SHADE TREES—Continued

QUERCUS—Continued

palustris. Pin Oak. 75 feet. Zone 5.

A broadly pyramidal tree of dense branching habit. Branches droop slightly. Leaves of deep green, glossy and finely divided. Scarlet autumn foliage. A most desirable shade tree but requires ample space.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$16.50	$150.00	$1350.00
5 to 6 ft.	22.50	200.00	1750.00
6 to 8 ft.	32.50	300.00	2750.00
8 to 10 ft.	45.00	400.00	3750.00
1½ to 1¾ in. Cal.	60.00	575.00	----
1¾ to 2 in. Cal.	65.00	625.00	----
2 to 2½ in. Cal.	70.00	675.00	----

SALIX

	Per 10	Per 100	Per 1000
alba tristis. Niobe Willow. 50 feet. Zone 3.			
Extremely hardy "Golden Weeping Willow" of exceptional graee and beauty.			
4 to 5 ft.	$ 6.50	$ 60.00	$550.00
5 to 6 ft.	11.00	100.00	900.00
6 to 8 ft.	15.00	135.00	1200.00
8 to 10 ft.	22.50	200.00	1750.00
alba vitellina. Russian Golden Willow. 30 feet. Zone 3.			
One of the best upright willows for landscape planting. Twigs very colorful during winter months. One of the best windbreak trees.			
4 to 5 ft.	5.50	50.00	450.00
5 to 6 ft.	8.00	75.00	700.00
6 to 8 ft.	11.00	100.00	900.00
babylonica. Babylon Weeping Willow. 30 feet. Zone 6.			
One of the best of the weeping willows wherever hardy. Bright green foliage.			
3 to 4 ft.	5.00	45.00	----
4 to 5 ft.	6.50	60.00	550.00
5 to 6 ft.	11.00	100.00	900.00
6 to 8 ft.	15.00	135.00	1200.00

blanda. Wisconsin Weeping Willow. 40 feet. Zone 5.

A very hardy, popular, free-barked weeping willow. Wide-spreading head. Long drooping branches are extremely graceful.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$ 6.50	$ 60.00	$550.00
5 to 6 ft.	11.00	100.00	900.00
6 to 8 ft.	15.00	135.00	1200.00
8 to 10 ft.	22.50	200.00	1800.00

	Per 10	Per 100	Per 1000
discolor French. French Pussy Willow. 20 feet. Zone 3.			
A fine cultivated French variety having especially long catkins.			
12 to 18 in.	$ 3.00	$ 25.00	$200.00
18 to 24 in.	3.50	30.00	250.00
2 to 3 ft.	4.50	40.00	350.00
discolor Freneh Pink. 20 feet. Zone 3.			
A new French variety with pinkish, long catkins.			
12 to 18 in.	3.50	30.00	----
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00

NUT, ORNAMENTAL and SHADE TREES—Continued

SALIX—Continued	Per 10	Per 100	Per 1000

pentandra. Laurel Leaf Willow. 60 feet. Zone 5.

Round headed tree producing lustrous dark green leaves, brownish shiny twigs. One of the best for ornamental planting.

3 to 4 ft.	$ 3.50	$ 30.00	$
4 to 5 ft.	5.50	50.00	
5 to 6 ft.	6.50	60.00	
6 to 8 ft.	8.00	75.00	

SORBUS

aucuparia. European Mountainash. 45 feet. Zone 3.

A smooth barked tree having a dense, pyramidal head. Bright red-orange berries are produced in large clusters.

6 to 8 ft.	27.50	250.00	2250.00
8 to 10 ft.	35.00	325.00	3000.00
1¼ to 1½ in. Cal.	42.50	400.00	
1½ to 1¾ in. Cal.	52.50	500.00	

TILIA

americana. American Linden. 100 feet. Zone 3.

Rather fast growing tree with open head. Large, coarse leaves turn yellow in fall. Dropping clusters of fragrant yellow flowers in July. Good street tree.

3 to 4 ft.	9.00	85.00	
4 to 5 ft.	12.50	110.00	
5 to 6 ft.	20.00	175.00	
6 to 8 ft.	25.00	225.00	
8 to 10 ft.	32.50	300.00	

cordata. Littleleaf Linden. 90 feet. Zone 4.

Usually a slow growing, small tree of very dense habit and tightly pyramidal form. Broad, heart shaped leaves are very dark green above and lighter beneath. An excellent shade and street tree.

3 to 4 ft.	16.50	150.00	
4 to 5 ft.	20.00	175.00	
5 to 6 ft.	27.50	250.00	
6 to 8 ft.	35.00	325.00	

ULMUS

americana. American Elm. 100-120 feet. Zone 2.

A stately tree of unique vase-shaped form with widely arching branches.

4 to 5 ft.	5.50	50.00	450.00
5 to 6 ft.	8.00	75.00	700.00
6 to 8 ft.	12.00	110.00	1000.00
8 to 10 ft.	18.00	165.00	1500.00
1¼ to 1½ in. Cal.	27.50	250.00	2250.00
1½ to 1¾ in. Cal.	37.50	350.00	3250.00
1¾ to 2 in. Cal.	45.00	425.00	
2 to 2½ in. Cal.	52.50	500.00	

NUT, ORNAMENTAL and SHADE TREES—Continued

ULMUS—Continued

americana Moline. Moline Elm. 80-100 feet. Zone 3.

Narrow pyramidal rapid-growing tree with large, handsome green foliage. Uniform tree for street or drive planting.

	Per 10	Per 100	Per 1000
6 to 8 ft.	$16.50	$150.00	$
8 to 10 ft.	22.00	200.00	1800.00
1¼ to 1½ in. Cal.	32.50	300.00	2750.00

hybrid Christine Buisman. 60 feet. Zone 4.

Recommended by U.S.D.A. as resistant to Dutch Elm disease and phloem necrosis. Slender but numerous ascending branches produce a mass of dark green foliage. Rapid grower. Must be propagated vegetatively to perpetuate disease resistance. Handsome specimen for lawns or street planting.

	Per 10	Per 100
3 to 4 ft.	$16.50	$150.00
4 to 5 ft.	19.00	175.00
5 to 6 ft.	23.50	225.00

hybrid Cool Shade. 35-50 feet. Zone 5.

Densely foliated with compact top. Very tough, does not break from ice or wind like Chinese.

	Per 10	Per 100
5 to 6 ft.	$18.50	$165.00
6 to 8 ft.	25.00	225.00

IMPROVED COOLSHADE ELM

Patent No. 1747

Rapid growing tree of 35 to 50 feet with straight trunk and well formed top. Uniformly branched and densely foliated. Resistant to ice and wind breakage. Extremely hardy.

	Per 10 Each	Per 100 Each	Suggested Retail Each
5 to 6 ft.	$ 2.25	$ 2.15	$ 5.00

Lake City Improved. 70 feet.

Fast growing pyramidal tree. Heavy, rich green foliage. Does not bear seed. Disease resistant. Fine for lawns and parkways.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$ 8.00	$ 75.00	$
5 to 6 ft.	11.00	100.00	900.00
6 to 8 ft.	16.50	150.00	1350.00
8 to 10 ft.	22.00	200.00	

pumila. Chinese Elm. 75 feet. Zone 5.

A hardy, rapid-growing tree. Small dense foliage. Drought resistant.

4 to 5 ft.	4.00	35.00	300.00
5 to 6 ft.	7.00	65.00	600.00
6 to 8 ft.	11.00	100.00	900.00
8 to 10 ft.	15.00	135.00	1250.00
1¼ to 1½ in. Cal.	22.50	200.00	1750.00
1½ to 1¾ in. Cal.	32.50	300.00	2750.00
1¾ to 2 in. Cal.	40.00	375.00	
2 to 2½ in. Cal.	45.00	400.00	

Ornamental Shrubs

Our shrubs are bushy and well rooted, twice transplanted and many graded stronger than is required by the American Nurseryman's Association.

The month indicates the beginning of bloom period; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in. and 2/3 ft., 10; and 3/4 and 4/5 ft. 5 per bundle. WE DO NOT BREAK BUNDLES.

ACANTHOPANAX

	Per 10	Per 100	Per 1000
sieboldianus. Siebold Acanthopanax. June. 9 feet. Zone 5.			
Excellent foliage plant growing well in the shade and withstanding city growing conditions. Compound leaves remain on the plant well into fall.			
18 to 24 in.	$ 5.00	$ 45.00	$400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	

ACER

ginnala. Amur Maple. 20 feet. Zone 3.

Dense shrub or small tree. Yellow fragrant flowers in April-May. Fruits turn bright red in summer. Entire plant becomes a mass of scarlet in autumn.

18 to 24 in.	6.50	60.00	550.00
2 to 3 ft.	10.00	90.00	850.00
3 to 4 ft.	14.00	125.00	1100.00
4 to 5 ft.	20.00	175.00	1500.00

ARONIA

arbutifolia. Red Chokeberry. May. 9 feet. Zone 6.

Small white flowers. Bright red berries in profusion. Red fall foliage. Dependable in any soil.

9 to 12 in.	2.50	20.00	
12 to 18 in.	3.50	30.00	

melanocarpa. Black Chokeberry. May. 2-3 feet. Zone 5.

Single white flowers and black berries. Red foliage in fall.

9 to 12 in.	2.50	20.00	
12 to 18 in.	3.50	30.00	
18 to 24 in.	5.00	45.00	

BERBERIS

mentorensis. Mentor Barberry. May. 5 feet. Zone 6.

A cross between thunbergi and julianae, mentorensis is a strong, upright growing plant of heavy, dark green foliage. Survives cold as well as very hot, dry conditions.

9 to 12 in.	3.00	25.00	200.00
12 to 15 in.	4.50	40.00	350.00
15 to 18 in.	5.50	50.00	450.00
18 to 24 in.	6.50	60.00	550.00

thunbergi. Japanese Barberry. May. 5 feet. Zone 6.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries. Showy in winter.

9 to 12 in.	2.00	18.00	150.00
12 to 15 in.	3.00	25.00	200.00
15 to 18 in.	3.50	30.00	250.00
18 to 24 in.	4.50	40.00	350.00
2 to 2½ ft.	5.50	50.00	450.00
2½ to 3 ft.	6.50	60.00	550.00

ORNAMENTAL SHRUBS—Continued

BERBERIS—Continued

thunbergi atropurpurea. Redleaf Japanese Barberry. May. 5 feet. Zone 6.

Warm bronze-red foliage in a sunny exposure. Intensified in summer and fall. Brilliant accent as a sheared or natural specimen.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 3.00	$ 25.00	$200.00
12 to 15 in.	4.00	35.00	300.00
15 to 18 in.	5.00	45.00	400.00
18 to 24 in.	6.00	55.00	500.00
2 to 2½ ft.	7.00	65.00	600.00
2½ to 3 ft.	8.00	75.00	700.00

thunbergi Crimson Pigmy. 10 inches. Zone 6.

An extremely dense, low growing specimen plant. Deep red foliage in full sun.

	Per 10	Per 100	Per 1000
4 to 6 in.	$ 5.00	$ -----	$ -----
6 to 9 in.	7.00	-----	-----

thunbergi erecta. Truehedge Columnberry. May. 6 feet. Zone 6.

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes.

9 to 12 in.	2.00	18.00	150.00
12 to 15 in.	3.00	25.00	200.00
15 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00

BUDDLEIA

Butterflybush. July. 4-6 feet. Zone 6.

Cut tops back severely when planting for best results.

Medium	3.50	30.00	250.00
No. 1	4.00	35.00	300.00

Varieties available at above prices.

Charming. 5-6 feet.

Unusually large compact spikes of pink flowers with lavender cast. Blooms all summer. A striking plant in any landscape. One of the best pinks.

Dubonnet. 4-5 feet.

The new red Butterflybush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

Empire Blue.

An excellent shade of blue combining Aster blue with a lilac tone.

Ile de France. 4-5 feet.

Long spikes of dark claret-purple.

Peace.

Pure white flowers in long, well-formed spikes. Vigorous plant.

Royal Red.

Rich, dark royal purple flowers. Foliage deep leathery green.

White Cloud. 3-4 feet.

Neat compact plant. Compact spikes well filled to the ends.

CALLICARPA

dichotoma. Purple Beautyberry. August. 4 feet. Zone 6.

Small pink flowers in clusters. Large showy clusters of purple berries.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3.50	$ 30.00	$ -----
18 to 24 in.	4.50	40.00	-----
2 to 3 ft.	5.50	50.00	-----
3 to 4 ft.	7.00	65.00	-----

ORNAMENTAL SHRUBS—Continued

CARAGANA

	Per 10	Per 100	Per 1000
arborescens. Siberian Peashrub. May. 15-20 feet. Zone 3.			
Produces clusters of yellow, pea-like flowers in midst of small, light green foliage. Completely hardy. Valuable in groups or as specimen.			
12 to 18 in.	$ 2.50	$ 22.00	$200.00
18 to 24 in.	3.50	30.00	250.00

CARYOPTERIS

clandonensis. Blue Mist. August. 4 feet. Zone 6.

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate, slightly toothed and silvery green in color. Hardy but dies back to ground in north.

	Per 10	Per 100	Per 1000
No. 1	$ 4.50	$ 40.00	$350.00
Medium	3.50	30.00	
No. 3	2.50	22.00	200.00

CEPHALANTHUS

	Per 10	Per 100	Per 1000
occidentalis. Buttonbush. July. 15 feet. Zone 5.			
Creamy white flowers in round heads about 1 inch diameter. Must have moist location. Fine for swampy land.			
18 to 24 in.	$ 5.00	$ 45.00	$400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	650.00

CHAENOMELES

japonica rubra. Red Flowering Japanese Quince. May. 3 feet. Zone 5.			
An improved, non-fruiting strain which produces true bright red flowers.			
12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00
lagenaria and superba. Japan Quince. 6 feet. Zone 5.			
9 to 12 in.	4.50	40.00	
12 to 18 in.	5.50	50.00	
18 to 24 in.	7.50	70.00	
2 to 3 ft.	9.50	90.00	

Following varieties at above prices:

	2/3′	18/24″	12/18″	9/12″
Aurea (L)	X	X	X	X
Kermesina semiplena (L)	X	X	X	X
Nivalis (L)	X		X	
Pink Lady (S)	X	X	X	
Red Chief (L)	X			
Rowallane (L)		X	X	
Texas Scarlet (S)	X	X	X	X

ORNAMENTAL SHRUBS—Continued

CHIONANTHUS

	Per 10	Per 100	Per 1000
virginicus. White Fringe-tree. June. 30 feet. Zone 5.			
Fleecy white flower clusters in great profusion. Clusters of dark blue berries. Leaves bright yellow in fall. One of the last shrubs to leaf in the spring.			
9 to 12 in.	$ 3.50	$ 30.00	$ ----
12 to 18 in.	5.00	45.00	----

CORNUS

alba sibirica. Siberian Dogwood. May. 9 feet. Zone 3.

Stout, erect, bright branches. White flowers are followed by porcelain-blue berries. Outstandingly effective for winter color.

12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	----

amomum. Silky Dogwood. June. 9 feet. Zone 6.

Produces yellow-white flowers in flat clusters followed by blue berries. Red fall foliage. Red twigs are colorful during winter.

12 to 18 in.	3.50	30.00	----
18 to 24 in.	5.00	45.00	----
2 to 3 ft.	6.00	55.00	----

mas. Cornelian Cherry. April. 24 feet. Zone 5.

Small yellow flowers appear before the shiny green leaves. Edible fruit ½ to ¾" long turn scarlet in August. Red foliage in fall.

12 to 18 in.	5.00	45.00	----
18 to 24 in.	6.00	55.00	----

racemosa. Gray Dogwood. June. 15 feet. Zone 5.

Small creamy white flowers in flat clusters followed by white berries on red stalks. Foliage purplish in fall and twigs gray in winter. Withstands shearing well.

12 to 18 in.	3.50	30.00	----
18 to 24 in.	5.00	45.00	----
2 to 3 ft.	6.00	55.00	----

sanguinea. Bloodtwig Dogwood. May. 12 feet. Zone 5.

Broad green leaves turn to dark blood red in fall. Twigs dark red; flowers dull white.

18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	----

stolonifera. Redosier Dogwood. May. 7 feet. Zone 3.

Attractive medium sized shrub particularly valued for brilliant red winter twigs. Small dull white flowers are followed by white berries.

18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	----

stolonifera flaviramea. Yellowtwig Dogwood. May. 7 feet. Zone 3.

A striking yellow-branched form of stolonifera, highly decorative.

12 to 18 in.	3.50	30.00	----
18 to 24 in.	5.00	45.00	400.00

COTONEASTER

divaricata. Spreading Cotoneaster. May. 6 feet. Zone 6.

Pink flowers followed by red fruit in fall and winter. Foliage semi-evergreen turning dull red in autumn. Plant of graceful spreading habit.

12 to 18 in.	6.00	55.00	----
18 to 24 in.	8.00	75.00	----

ORNAMENTAL SHRUBS—Continued

DEUTZIA

gracilis. Slender Deutzia. May. 3 feet. Zone 5.

Dwarf free flowering shrub with slender arching branches. Bears a profusion of small snow white flowers.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 3.50	$ 30.00	$250.00
12 to 15 in.	5.00	45.00	400.00
15 to 18 in.	6.00	55.00	500.00

lemoinei. Lemoine Deutzia. May. 7 feet. Zone 5.

Very floriferous, semi-dwarf hybrid variety. Creamy white flowers in upright racemes. Distinctly different.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 2.50	$ 20.00	$
12 to 18 in.	4.50	40.00	350.00
18 to 24 in.	5.50	50.00	450.00
2 to 2½ ft.	7.50	70.00	650.00

rosea. Rosepanicle Deutzia. May. 4 feet. Zone 5.

A graceful, dwarf growing plant producing attractive pink flowers. Also known as "eximea" or "rosea eximea".

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 3.50	$ 30.00	$250.00
12 to 15 in.	5.00	45.00	400.00
15 to 18 in.	6.00	55.00	500.00
18 to 24 in.	7.50	70.00	650.00

scabra Pride of Rochester. May. 6-8 feet. Zone 6.

Double white flowers remain effectively in bloom over a long period. Earlier to bloom than other varieties.

12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00

EUONYMUS

alatus. Winged Euonymus. May. 9 feet. Zone 4.

A sturdy, easily grown plant of particular interest for its horizontal branching habit and its brilliant scarlet autumn color. Twigs and branches have cork-like ridges.

9 to 12 in.	5.00	45.00	
12 to 18 in.	6.50	60.00	

alatus Dwarf. Dwarf Winged Euonymus. May. 4 feet. Zone 4.

An excellent dwarf, compact variety. Ideal for hedging. Brilliant scarlet autumn color.

9 to 12 in.	6.00	55.00	
12 to 18 in.	8.00	75.00	
18 to 24 in.	11.00	100.00	

europaea aldenhamensis. Aldenham Spindle Tree. 21 feet. Zone 4.

Brilliant pink fruit makes this the most popular of Spindle Tree varieties. Dark green leaves are reddish in fall.

9 to 12 in.	3.50	30.00	
12 to 18 in.	4.50	40.00	
18 to 24 in.	6.00	55.00	

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

	Per 10	Per 100	Per 1000
fortunei radicans erecta. Upright Wintercreeper. (Sarcoxie Strain) 3-4 feet. Zone 5.			
Natural upright plant. Will grow taller if sheared. Almost evergreen. Hardy.			
9 to 12 in.	$ 5.50	$ 50.00	$ ____
12 to 15 in.	7.00	65.00	____
kiautschovieus. (Patens) Spreading Euonymus. 9 feet. Zone 7.			
Somewhat similar to but hardier than the evergreen Euonymus japonica. Leaves are lighter green and not as thick. Half evergreen in north. Fruit pinkish to red capsules especially attractive in October and November.			
9 to 12 in.	4.50	40.00	____
12 to 15 in.	5.50	50.00	450.00
latifolius. Broadleaf Euonymus. 20 feet. Zone 6.			
Large 3 to 5 inch leaves, reddish underneath; red in fall. Greenish flowers in clusters. Bright red fruit. Makes good specimen tree.			
9 to 12 in.	5.50	50.00	____
12 to 18 in.	7.00	65.00	____
18 to 24 in.	8.00	75.00	____
2 to 3 ft.	9.50	90.00	____

FORSYTHIA

Arnold Giant. Zone 5.

Forms a compact, spreading bush. Very hardy and a consistant bloomer. Produces large, dark yellow flowers. One of the better new varieties.

9 to 12 in.	3.00	25.00	____
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00

Beatrix Farrand. 6-8 feet. Zone 5.

A new Forsythia from the Arnold Arboretum. Very vigorous grower developing into a large, symmetrical plant. Deep golden yellow flowers, often 2 inches in diameter with striking orange markings in the throat.

12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00

intermedia spectabilis. Showy Border Forsythia. April. 8-9 feet. Zone 5.

Deep yellow flowers produced in abundance. Upright habit of growth makes this an excellent specimen.

12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00

Lynwood Gold. April. 6-8 feet. Zone 5.

Erect branches are covered with golden yellow blooms in early April. Superb for cutting and flowering in the house during the winter.

12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	650.00
4 to 5 ft.	9.00	85.00	____

ovata. Early Forsythia. April. 6-8 feet. Zone 5.

The earliest to bloom and also the hardiest Forsythia. Good yellow blooms.

12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00
2 to 2½ ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	____

ORNAMENTAL SHRUBS—Continued

FORSYTHIA—Continued

Spring Glory. April. 7-8 feet. Zone 5.

A new Forsythia which is, without a doubt, the loveliest of all. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3.50	$ 30.00	$250.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	650.00

suspensa fortunei. Fortune Weeping Forsythia. April. 8-9 feet. Zone 6.

A vigorous upright shrub with slightly drooping branches. Golden yellow flowers.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3.50	$ 30.00	$
18 to 24 in.	5.00	45.00	
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	
4 to 5 ft.	9.00	85.00	

HAMAMELIS

vernalis. Vernal Witchhazel. February. 6 feet. Zone 6.

First shrub to bloom in the spring. Small, very fragrant flowers of reddish-yellow over a long period. Vigorous grower.

9 to 12 in.	3.00	25.00	
12 to 18 in.	4.50	40.00	
18 to 24 in.	6.50	60.00	

virginiana. Common Witchhazel. October. 15 feet. Zone 5.

Yellow ribbon like flowers borne on a bush covered with bright yellow fall foliage. Grows in partial shade and full sun.

9 to 12 in.	3.00	25.00	
12 to 18 in.	4.50	40.00	
18 to 24 in.	6.50	60.00	550.00
2 to 3 ft.	8.00	75.00	700.00
3 to 4 ft.	11.00	100.00	

HIBISCUS

syriacus. Shrubalthea. August. 10-12 feet. Zone 6.

Large desirable shrub for specimen, group and screen planting.

12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	4.00	35.00	300.00
2 to 3 ft.	5.00	45.00	400.00
3 to 4 ft.	6.50	60.00	550.00

Anemone, double pink
Ardens, double purple
Boule de Feu, double, purplish-red
Jeanne de Arc, double pure white
Lucy, semi-double, rose

HYDRANGEA

arborescens grandiflora. Snowhill Hydrangea. July. 3-5 feet. Zone 4.

Upright, dense growing shrub with creamy white flowers in large rounded clusters about 6 inches in diameter. Easily grown, popular shrub particularly adapted to shade or semi-shade situations. Available SPRING only.

12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00

macrophylla Nikko Blue. Nikko Blue Hydrangea. June. 9-10 feet. Zone 6.

Both hardy and beautiful. In alkaline soil the flowers are pink; in acid they are blue. To change alkaline soil into acid, use two tablespoons of aluminum sulphate to a gallon of water. Available SPRING only.

2 year No. 1 heavy field grown plants	8.50	80.00	750.00
Medium	7.00	65.00	600.00

ORNAMENTAL SHRUBS—Continued

HYDRANGEA—Continued

	Per 10	Per 100	Per 1000
paniculata grandiflora. Peegee Hydrangea. August. 25 feet. Zone 4. Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization. Available SPRING only.			
12 to 18 in.	$ 3.50	$ 30.00	$250.00
18 to 24 in.	5.50	50.00	450.00

HYPERICUM

kalmianum. Kalm St. Johnswort. July. 3 feet. Zone 5.
Produces handsome bright yellow, single flowers to 1 inch in diameter. A low compact plant of neat habit.

9 to 12 in.	3.00	25.00	-----
12 to 15 in.	4.50	40.00	-----
15 to 18 in.	5.50	50.00	-----
18 to 24 in.	7.00	65.00	-----

prolificum. Shrubby St. Johnswort. July. 3 feet. Zone 5.
Very shrubby and hardy. Small narrow leaves; dense plant, mounded in habit, and covered with continuous blooms of single bright yellow for several weeks at a time. Brown, lustrous smooth bark in winter.

12 to 15 in.	4.50	40.00	-----
15 to 18 in.	5.50	50.00	-----
18 to 24 in.	7.00	65.00	-----

ILEX

verticillata. Black Alder. Winterberry. June. 9 feet. Zone 4.
A deciduous holly. Bright red berries while leaves are still green and frequently remain until Christmas. Does well in damp areas.

12 to 18 in.	4.50	40.00	-----
18 to 24 in.	6.50	60.00	-----

KOLKWITZIA

amabilis. Beautybush. June. 10 feet. Zone 5.
A tall, upright growing plant with arching branches providing ornamental interest the year around. Pink flowers similar to Weigela, are borne in profusion.

9 to 12 in.	3.50	30.00	-----
12 to 18 in.	4.50	40.00	350.00

LAGERSTROEMIA

indica. Common Crapemyrtle. August. 18-20 feet. Zone 7.
Crinkled bright pink to red flowers to 1½ inches in diameter produced over a long period. Blooms on current years growth so heavy pruning can be practiced. Vigorous rounded habit. Available in the following color varieties. SPRING only.

18 to 24 in.	4.00	35.00	-----
2 to 3 ft.	5.00	45.00	-----

PINK PURPLE WATERMELON RED WHITE

ORNAMENTAL SHRUBS—Continued

LONICERA

Clavey's Compact Dwarf Honeysuckle. May. 5 feet. Zone 5.

A new, compact growing, dwarf Honeysuckle. Grows into well-furnished globe shape without shearing. Excellent specimen or as edging and hedging.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3.50	$ 30.00	$250.00
18 to 24 in.	4.50	40.00	350.00
2 to 2½ ft.	5.50	50.00	450.00

	Per 10	Per 100	Per 1000
morrowi. Morrow Honeysuckle. May. 6 feet. Zone 4. Noted chiefly for its dense, moundlike habit of growth. Produces white flowers changing to yellow followed by dark red berries.			
12 to 18 in.	$ 3.00	$ 25.00	$
18 to 24 in.	4.00	35.00	
2 to 3 ft.	5.00	45.00	400.00
3 to 4 ft.	6.50	60.00	
tatarica alba. White Tatarian Honeysuckle. May. 8-10 feet. Zone 3. Flowers of pure white are followed by red berries. Upright, neat habit.			
12 to 18 in.	3.00	25.00	
tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3. Excellent blooms of rosy pink outside and light pink inside. An abundance of red berries.			
12 to 18 in.	3.00	25.00	
18 to 24 in.	4.00	35.00	300.00
zabeli. Zabel Honeysuckle. May. 7 feet. Zone 5. An improved strain of the species. True deep pink flowers almost appear red in early bloom. Outstanding in flowers, fruit and hardiness.			
12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	4.00	35.00	300.00
2 to 3 ft.	5.00	45.00	400.00
3 to 4 ft.	6.00	55.00	500.00
4 to 5 ft.	7.50	70.00	650.00

PHYSOCARPUS

opulifolius. Common Ninebark. May-June. 9 feet. Zone 3. Very hardy and vigorous. Does well in most any soil. Small white flowers in clusters. Attractive reddish color fruits turn brown when mature and remain on plant all winter. Bark shreds on larger plants during the winter.			
2 to 3 ft.	5.50	50.00	
3 to 4 ft.	7.00	65.00	
opulifolius nanus. Dwarf Ninebark. June. 4-5 feet. Zone 3. A particularly valuable, hardy, dwarf shrub of dense habit. Excellent facing plant, hedging material. Smaller, less lobed dark green leaves. Flowers and capsules similar to species.			
12 to 18 in.	3.50	30.00	
18 to 24 in.	4.50	40.00	
2 to 3 ft.	5.50	50.00	
3 to 4 ft.	7.00	65.00	

ORNAMENTAL SHRUBS—Continued

POTENTILLA

fruticosa Lemon Drop. May-Sept. 4 feet. Zone 5.

A sturdy, hardy shrub producing lemon yellow blooms over an extremely long season.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 4.00	$ 35.00	-----
12 to 15 in.	5.50	50.00	-----
15 to 18 in.	6.50	60.00	-----
18 to 24 in.	8.00	75.00	-----

PRUNUS

cistena. Purple-leaf Sand Cherry. May. 7 feet. Zone 2.

Valued especially for its colorful foliage; however, produces blackish purple cherries following small white flowers.

9 to 12 in.	3.50	30.00	-----
12 to 18 in.	4.50	40.00	-----

glandulosa. Doubleflowering Pink Almond. May. 4½ feet. Zone 5.

A beautiful shrub for foundation or border. Before leaves appear, it bears an abundance of small double pink flowers closely set on twigs. One of the best of all ornamental flowering shrubs.

12 to 18 in.	4.00	35.00	-----
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00
3 to 4 ft.	8.00	75.00	700.00

tomentosa. Manchu Cherry. April. 9 feet. Zone 2.

Excellent shrub producing white flowers tinged with pink just before the leaves. Edible fruit are scarlet cherries, ½ inch in diameter.

9 to 12 in.	2.00	18.00	-----
12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	4.50	40.00	350.00

tomentosa Orient. April. 9 feet. Zone 2.

Large shrub, vigorous and productive. Origin is Minnesota Fruit Breeding Farm. Fruit one-half inch in diameter, bright red. Flesh is meaty, juicy, and of pleasant flavor. Ripens early in July. Excellent jelly fruit. Budded plum.

2 to 3 ft.	9.00	80.00	-----
3 to 4 ft.	11.00	100.00	-----
4 to 5 ft.	14.00	125.00	-----

triloba. Flowering Plum. April. 15 feet. Zone 6.

Known as the "Rose Tree of China." One of the finest shrubs. Completely covered with pink rose-like flowers during April and May.

12 to 18 in.	4.00	35.00	-----

ORNAMENTAL SHRUBS—Continued

RHODOTYPOS

	Per 10	Per 100	Per 1000
scandens. Black Jetbead. May. 6 feet. Zone 6.			
Four petal white flowers are followed by shiny black berries which remain on the plant all winter. Fine facing shrub and works into border well.			
12 to 18 in.	$ 4.00	$ 35.00	$
18 to 24 in.	6.00	55.00	
2 to 3 ft.	7.50	70.00	

RHUS

aromatica. Fragrant Sumac. May. 3-4 feet. Zone 4.			
An excellent shrub of dense habit to use in front of larger plants or on banks. Small yellowish flowers are followed by scarlet fruit. Scarlet fall foliage. Very hardy and a rapid grower.			
12 to 18 in.	4.50	40.00	
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	7.00	65.00	600.00

RIBES

alpinum. Alpine Currant. May. 6-7 feet. Zone 3.			
An attractively foliaged hardy shrub that makes a dense, compact, upright specimen and more particularly adapts itself to hedging purposes.			
18 to 24 in.	7.00	65.00	

SALIX

purpurea Dwarf. Dwarf Purpleosier Willow. March. 9 feet. Zone 5.			
One of the better in the species with dense habit, fine leaves and purple twigs in winter. Suited to moist situations, hedges and borders.			
9 to 12 in.	2.50	20.00	
12 to 15 in.	3.00	25.00	200.00
15 to 18 in.	3.50	30.00	250.00
18 to 24 in.	4.00	35.00	300.00
2 to 2½ ft.	4.50	40.00	350.00

SAMBUCUS

canadensis aurea. Golden American Elder. June. 12 feet. Zone 4.			
Produces strikingly colorful foliage and flat clusters of white flowers followed by edible blue black fruit.			
9 to 12 in.	3.00	25.00	
12 to 18 in.	4.00	35.00	
18 to 24 in.	5.00	45.00	
2 to 3 ft.	6.50	60.00	
3 to 4 ft.	8.00	75.00	

SPIRAEA

albiflora. Japanese White Spirea. July. 1½ feet. Zone 5.			
Dense, compact, low shrub covered with clusters of white flowers in July.			
9 to 12 in.	3.50	30.00	250.00
12 to 15 in.	4.50	40.00	350.00
argnta. Garland Spirea. May. 5-6 feet. Zone 5.			
The most free-flowering and showy of the early Spireas. Flat clusters of pure white flowers on arching branches. Useful specimen and in border.			
9 to 12 in.	2.00	18.00	
12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	4.50	40.00	350.00

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

billardi. Billard Spirea. June. 6 feet. Zone 5.

Produces pyramidal spikes of bright rose flowers. Forms a dense mass of growth.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 2.00	$ 18.00	$ .....
12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00

bumalda Anthony Waterer. June. 2 feet. Zone 5.

Flat clusters of bright crimson flowers to 6 inches in diameter are produced over a period of several weeks.

9 to 12 in.	3.00	25.00	200.00
12 to 15 in.	4.00	35.00	300.00
15 to 18 in.	5.00	45.00	400.00
18 to 24 in.	6.00	55.00	500.00
2 to 2½ ft.	7.50	70.00	650.00

bumalda Frocbel. Frobel Spirea. June. 2-3 feet. Zone 5.

A very hardy, vigorous spreading plant producing bright pink flowers. Young foliage has purplish tips. Autumn coloration reddish bronze.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 3.00	$ 25.00	$200.00
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	4.50	40.00	350.00
2 to 2½ ft.	5.50	50.00	450.00
2½ to 3 ft.	6.50	60.00	550.00

japanica coccinea. Redflowering Japanese Spirea. July. 4 feet. Zone 5.

Similar in growth and habit to Anthony Waterer Spirea but much clearer and richer coloring. Foliage shows little fading to magenta.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 3.50	$ 30.00	$ .....
12 to 15 in.	4.50	40.00	.....
15 to 18 in.	5.50	50.00	.....
18 to 24 in.	6.50	60.00	.....

margaritae. Margarita Spirea. June. 4 feet. Zone 5.

Hybrid cross of japonica and superba. Small bright rose flowers in flat clusters 3 to 6 inches in diameter. Responds well to slight early spring pruning.

9 to 12 in.	3.00	25.00	.....
12 to 15 in.	4.00	35.00	.....
15 to 18 in.	5.00	45.00	.....

thunbergi. Thunberg Spirea. May. 5 feet. Zone 4.

Low growing shrub with slender branches. Early pure white flowers in clusters. Fine textured foliage turns to orange and yellow in fall.

9 to 12 in.	2.00	18.00	.....
12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.

Profuse white flower clusters, gracefully arching branches and general dependability maintain a valued reputation for the Vanhoutte. Excellent for flowering hedge, border and shrub mass.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2.50	$ 22.00	$200.00
18 to 24 in.	3.50	32.00	300.00
2 to 3 ft.	4.50	40.00	350.00
3 to 4 ft.	5.50	50.00	450.00

SYMPHORICARPOS

albus. Common Snowberry. June. 6 feet. Zone 4.

Attractive green foliage. Pink flowers. Large white fruit in clusters in autumn.

12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	3.50	30.00	250.00
2 to 3 ft.	4.00	35.00	320.00

orbiculatus. Indiancurrant Coralberry. July. 5-6 feet. Zone 2.

Hardy shrub producing small yellowish-white flowers. Important for the clusters of coral red berries in fall and winter.

12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	3.50	30.00	250.00

SYRINGA

chinensis. Chinese Lilac. May. 15 feet. Zone 5.

Commonly called Rothomagensis. An upright shrub with arching branches and rich purple flowers. Very good for general planting because of its free blooming qualities and hardiness.

12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.00	65.00	600.00

josikaea. Hungarian Lilac. June. 12 feet. Zone 3.

Violet flowers in terminal panicles to 7 inches long. Glossy green foliage. Adaptable to clipping.

9 to 12 in.	3.00	25.00	
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	650.00

villosa. Late Lilac. June. 9 feet. Zone 2.

Panicles of delicate pink flowers. Dense dark green foliage. Valued for its dense, upright habit and late profuse flowers. One of the hardiest of all lilacs.

9 to 12 in.	3.00	25.00	
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	650.00

ORNAMENTAL SHRUBS—Continued

SYRINGA—Continued

vulgaris alba. White Common Lilac. May. 20 feet. Zone 3.

	Per 10	Per 100	Per 1000
A vigorous shrub with clusters of single white flowers among the attractive green foliage.			
9 to 12 in.	$ 2.00	$ 18.00	$150.00
12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	4.50	40.00	350.00

vulgaris purpurea. Common Lilac. May. 20 feet. Zone 3.

A hardy, attractive shrub with large clusters of purplish flowers.			
9 to 12 in.	2.00	18.00	150.00
12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00
3 to 4 ft.	7.00	65.00	600.00

vulgaris, Hybrids and Horticultural Varieties. May. 15 feet. Zone 4.

OWN ROOT. These Lilacs have been grown from layers and root cuttings or grafted on California Privet and thus are largely on their own root. The California Privet either dies out or is cut out as a storage process.

These marvelous products of selection are rapidly becoming the most popular flowering shrubs because they are used as specimens, ornamental clumps, screens, and for hedges.

9 to 12 in.	3.50	30.00	-----
12 to 18 in.	4.50	40.00	-----
18 to 24 in.	6.50	60.00	-----
2 to 3 ft.	8.50	80.00	-----

BLUE

	2/3′	18/24″	12/18″	9/12″
President Grevy, double	X	X	X	X

LILAC

Michel Buchner, double	--	--	X	X
Viviand Morel, double	X	X	X	X

MAGENTA

Charles X, single	--	--	X	X
Congo, single	--	--	X	X
Ruhm von Horstenstein, single	--	--	X	X

PINK

Belle de Nancy, double	X	--	X	X
Lucie Baltet, single	--	--	--	X
Macrostachya, single	--	--	X	X
Mme. Antoine Buchner, double	--	X	X	X
Waldeck-Rousseau, double	--	X	X	X

WHITE

	2/3′	18/24″	12/18″	9/12″
Marie Le Graye, single	--	--	X	X
Mme. Casimir Perier, double	--	--	--	X
Mme. Florent Stepman, single	--	--	--	X

TAMARIX

	Per 10	Per 100	Per 1000
hispida. Kashgar Tamarisk. June. 15 feet. Zone 6.			
Fine, feathery blue-green foliage sets off bright pink flowers. Produces bloom on new wood so that severe pruning may be practiced.			
9 to 12 in.	$ 2.50	$ 20.00	$180.00
12 to 18 in.	3.50	30.00	250.00
hispida Summer Glow. July. 8 feet. Zone 6.			
The finest variety we have ever seen. Lacy, silvery-blue foliage. Tyran rose flowers in spikes all summer. Good in dry soil, sun or part shade.			
9 to 12 in.	2.50	20.00	180.00
12 to 18 in.	3.50	30.00	250.00

ORNAMENTAL SHRUBS—Continued

VIBURNUM

	Per 10	Per 100	Per 1000
dentatum. Arrowwood Viburnum. June. 15 feet. Zone 3. Attractive foliage. Flat clusters of white flowers are followed by blue-black fruit. Glossy red fall foliage. Strong, rapid grower.			
12 to 18 in.	$ 4.00	$ 35.00	$300.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	8.00	75.00	700.00
lantana. Wayfaringtree Viburnum. May. 15 feet. Zone 3. Produces white flowers in flat clusters followed by bright red berries that turn black in fall when foliage becomes red.			
9 to 12 in.	3.00	25.00	
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	
3 to 4 ft.	8.00	75.00	
lentago. Nannyberry Viburnum. May. 30 feet. Zone 3. Shiny green leaves and a splendid purplish red autumn color rate this Viburnum as an excellent background or screen plant. Flat clusters of white flowers are followed by black berries valuable as winter bird food.			
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	8.00	75.00	700.00
4 to 5 ft.	10.00	90.00	850.00
molle. Kentucky Viburnum. June. 12 feet. Zone 3. White flowers in long stemmed clusters to 3 inches across. Blue-black fruit.			
12 to 18 in.	4.00	35.00	
18 to 24 in.	5.00	45.00	
2 to 3 ft.	6.00	55.00	
3 to 4 ft.	8.00	75.00	
opulus. European Cranberrybush. May. 12 feet. Zone 3. Smooth, light gray branches. White flowers in flat clusters are followed by red berries. Fruit is effective both in fall and winter.			
9 to 12 in.	3.00	25.00	200.00
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00
prunifolium. Blackhaw Viburnum. May. 15 feet. Zone 3. Large shrub or can be grown as small tree with single trunk. White flowers in flat clusters. Blue-black berries about largest of any Viburnum have been popular for preserves since colonial times. Fine for either specimen or mass planting.			
12 to 15 in.	4.00	35.00	
15 to 18 in.	5.00	45.00	
18 to 24 in.	6.50	60.00	
2 to 2½ ft.	8.00	75.00	
sieboldi. Siebold Viburnum. May. 30 feet. Zone 5. Lustrous dark green, 6 inch leaves on a large shrub with very desirable branching habit. Foliage red in fall. Creamy white flowers in flat clusters. Berries bright red on red stems for several weeks, then turning black. Fine specimen plant.			
9 to 12 in.	3.00	25.00	200.00
12 to 18 in.	4.00	35.00	300.00
tomentosum. Doublefile Viburnum. May. 8 feet. Zone 5. White flowers in flat heads followed by bright red berries that turn to blue-black. Horizontal branching habit. Dull red autumn foliage.			
9 to 12 in.	3.00	25.00	
12 to 18 in.	4.00	35.00	
18 to 24 in.	5.50	50.00	

ORNAMENTAL SHRUBS—Continued

WEIGELA

Bristol Ruby. May. 5 feet. Zone 5.

Large soft ruby-red flowers produced on a shapely, erect plant. Vigorous and hardy.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 4.00	$ 35.00	$
18 to 24 in.	5.50	50.00	
2 to 3 ft.	6.50	60.00	
3 to 4 ft.	8.50	80.00	

florida. Oldfashioned Pink Weigela. May. 6-8 feet. Zone 5.

Very popular. Displays beautiful, showy pink flowers.

12 to 18 in.	3.50	30.00	
18 to 24 in.	4.50	40.00	
2 to 3 ft.	5.50	50.00	
3 to 4 ft.	7.00	65.00	

Newport Red. (Vaniceki) May. 6 feet. Zone 4.

New ruby-red, recommended for its hardiness and its habit of growth. Neat, well-formed plant.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 4.00	$ 35.00	$
18 to 24 in.	5.50	50.00	
2 to 3 ft.	6.50	60.00	
3 to 4 ft.	8.50	80.00	

wagneri Eva Rathke. May. 5 feet. Zone 5.

Brilliant crimson flowers borne in profusion on a spreading shrub.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3.50	$ 30.00	$
18 to 24 in.	5.00	45.00	
2 to 3 ft.	6.00	55.00	

wagneri Henderson. May. 8 feet. Zone 4.

Very hardy. Produces light crimson flowers in abundance.

12 to 18 in.	4.00	35.00	
18 to 24 in.	5.50	50.00	
2 to 3 ft.	6.50	60.00	
3 to 4 ft.	8.50	80.00	

wagneri purpurea. May. Zone 5.

An attractive purple leaved shrub with pink flowers.

12 to 18 in.	4.50	40.00	
18 to 24 in.	6.00	55.00	
2 to 3 ft.	7.50	70.00	

wagneri Stelzner.

A graceful spreading Weigela producing dark rose trumpets.

18 to 24 in.	6.00	55.00	
2 to 3 ft.	7.50	70.00	
3 to 4 ft.	9.00	85.00	

Vines

(Tied, 2 year No. 1, 10; 2 year Medium, 25 per bundle)

	Per 10	Per 100	Per 1000
CAMPSIS			
radicans. Common Trumpetcreeper. July. 30 feet. Zone 5.			
A shrubby vine that clings to stone or woodwork. Brilliant orange to scarlet flowers are its chief attraction.			
2 year, No. 1	$ 4.00	$ 35.00	$320.00
2 year, Medium	3.00	28.00	250.00
CELASTRUS			
orbiculata. Oriental Bittersweet. June. 36 feet. Zone 5.			
An excellent twining vine. Leaves are more rounded than C. scandens and fruits, which are yellow and red berries, are in small lateral clusters instead of large terminal clusters.			
2 year, No. 1	4.00	35.00	320.00
2 year, Medium	3.00	28.00	250.00
scandens. American Bittersweet. June. 20 feet. Zone 4.			
Inconspicuous flowers. A tall vigorous climber, with bright green leaves and orange-yellow berries. Good for covering rocks, walls or lattice.			
2 year, No. 1	4.00	35.00	300.00
2 year, Medium	3.00	28.00	250.00
CLEMATIS			
paniculata. Sweet Autumn Clematis. August. 30 feet. Zone 5.			
Very fragrant white flowers. Lustrous, semi-evergreen foliage. The silvery seed heads make a display after flowers disappear. Vigorous and extremely ornamental.			
2 year, No. 1	5.50	50.00	
2 year, Medium	4.50	40.00	
tangutica. Golden Clematis. June. 9 feet. Zone 6.			
Bright yellow blooms to 4 inches in diameter.			
2 year, No. 1	7.00	65.00	
EUONYMUS			
fortunei minimus. Baby Euonymus. Zone 6.			
Slow growing dwarf evergreen with small leaves. Clings tightly to rough surfaces; excellent for covering low walls.			
2 year, No. 1	6.50	60.00	
2 year, Medium	5.50	50.00	
fortunei radicans. Common Wintercreeper. 25 feet. Zone 6.			
Evergreen foliage with leaves about 1 inch long. Grows rapidly. Excellent climbing vine or ground cover.			
2 year, No. 1	6.50	60.00	550.00
2 year, Medium	5.50	50.00	450.00
LONICERA			
heckrotti. Everblooming Honeysuckle. June. 30 feet. Zone 5.			
A vinelike shrub, valued for its bright purple flowers that open with a deep yellow center. Blooms throughout the summer.			
	Per 10	Per 100	Per 1000
2 year, No. 1	$ 4.50	$ 40.00	$350.00
2 year, Medium	4.00	35.00	300.00

VINES—Continued

LONICERA—Continued

	Per 10	Per 100	Per 1000
heckrotti Gold Flame. June. 30 feet. Zone 5.			
Blooms all summer. The showy flowers, borne in clusters, are red outside and a deep yellow inside. Very fragrant.			
2 year, No. 1	$ 4.50	$ 40.00	$ ____
2 year, Medium	4.00	35.00	____
sempervirens. Trumpet Honeysuckle. June. 50 feet. Zone 4.			
Large coral-red trumpet shaped flowers and beautiful blue-green foliage especially recommend this vine. Blooms from June until frost.			
2 year, No. 1	4.00	35.00	320.00
2 year, Medium	3.00	28.00	250.00

PARTHENOCISSUS

quinquefolia engelmanni. Engelmann Ivy. 50 feet. Zone 3.			
A hardy, clinging vine producing dense green foliage that turns a vivid red in autumn. Leaves smaller than the species.			
2 year, No. 1	4.00	35.00	320.00
2 year, Medium	3.00	28.00	250.00
tricuspidata veitchi. Veitch Boston Ivy. 60 feet. Zone 5.			
A graceful and hardy clinging vine. Glossy green foliage, purple when young and turning bright scarlet in fall. Rapid grower. Available SPRING only.			
2 year, No. 1	6.50	60.00	____
2 year, Medium	4.50	40.00	____

Hedging

BERBERIS

	Per 100	Per 1000
thunbergi. Japanese Barberry. May. 5 feet. Zone 4.		
9 to 12 in. 2 year seedlings, branched	$ 8.50	$ 75.00
12 to 18 in. 2 and 3 year seedlings, branched	11.00	100.00
18 to 24 in. 2 and 3 year seedlings, branched	16.00	140.00
thunbergi atropurpurea. Redleaf Japanese Barberry. May. 6 feet. Zone 4.		
9 to 12 in. 2 year seedlings, branched	11.00	100.00
12 to 15 in. 2 and 3 year seedlings, branched	16.00	140.00
15 to 18 in. 2 and 3 year seedlings, branched	21.00	180.00
18 to 24 in. 2 and 3 year seedlings, branched	24.00	220.00

CARAGANA

	Per 100	Per 1000
arborescens. Siberian Peashrub. May. 15-20 feet. Zone 2-3.		
9 to 12 in.	$ 2.50	$ 20.00
12 to 18 in.	3.50	30.00
18 to 24 in.	4.50	40.00
2 to 3 ft.	6.00	55.00
3 to 4 ft.	8.00	75.00

LIGUSTRUM

	Per 100	Per 1000
amurense. Amur River North Privet. June. 15 feet. Zone 4.		
Produces white flowers in small spikes followed by dull, small black berries.		
9 to 12 in., branched	$ 8.50	$ 75.00
12 to 18 in., 2 canes and up	12.00	100.00
12 to 18 in., 3 canes and up	14.00	120.00
18 to 24 in., 2 canes and up	14.00	120.00
18 to 24 in., 3 canes and up	16.50	140.00
2 to 3 ft., 2 and 3 canes and up	16.50	140.00
2 to 3 ft., 4 canes and up	21.00	180.00
ovalifolium. California Privet. June. 15 feet. Zone 6.		
Creamy white flowers in small clusters are followed by black berries.		
9 to 12 in., branched	8.50	75.00
12 to 18 in., branched	12.00	100.00
18 to 24 in., branched	14.00	120.00
2 to 3 ft.	16.50	140.00

	Per 10	Per 100
vicaryi. Vicary Golden Privet. July. 12 feet. Zone 6.		
Golden yellow foliage during entire season. White flowers in small clusters. Blue-black berries.		
9 to 12 in. 2¼ in. pots	$ 2.40	$ 20.00
12 to 15 in. 2¼ in. pots	3.20	28.00
vulgare Lodense. Lodense Privet. 2-3 feet. Zone 5.		
A compact, dwarf form in demand over a wide area. Excellent hedge material.		
6 to 9 in.	1.50	12.00
9 to 12 in.	2.00	16.00
12 to 15 in.	2.50	22.00

LONICERA

	Per 100	Per 1000
tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3.		
Flowers are rosy pink outside and light pink inside.		
9 to 12 in.	$ 8.50	$ 75.00
12 to 18 in.	11.00	100.00
18 to 24 in.	16.00	140.00

HEDGING—Continued

	Per 100	Per 1000
zabeli. Zabel Honeysuckle. May. 7 feet. Zone 4.		
Generally accepted as the best of the improved strains of Red Honeysuckle. Prolific in berry. Tidy and hardy.		
9 to 12 in.	$11.00	$100.00
12 to 18 in.	16.00	140.00
18 to 24 in.	21.50	190.00
2 to 3 ft.	25.00	220.00

ROSA

multiflora. Japanese Rose. 10 feet. Zone 5.		
One of the most vigorous of all the rose species. Excellent ornamental hedge or thicket.		
No. 1, 3/16 to 1/4 in.	4.00	35.00
No. 2, 2/16 to 3/16 in.	3.00	25.00
wichuraiana. Wichura Rose. Memorial Rose. July. Zone 6.		
Truly procumbent. Valuable ground cover. Single, white, 2 inch flowers.		
No. 1, 3/16 to 1/4 in.	4.50	40.00
No. 2, 2/16 to 3/16 in.	3.50	32.00
No. 3, about 2/16 in.	3.00	25.00

SPIRAEA

vanhouttei. Vanhoutte Siprea. May. 6 feet. Zone 4.		
Profuse white flower clusters, gracefully arching habit and general dependability make this one of the most valued hedging plants.		
9 to 12 in.	8.50	75.00
12 to 18 in.	12.00	100.00
18 to 24 in.	15.50	140.00

ULMUS

pumila. Siberian Elm.

An excellent hedging material. "Lining Out Stock."

NOTE: Lonicera heckrotti makes a novel and attractive hedge when planted in rows and kept sheared. Blooms all summer. See "Vines" for further description and prices.

Lining Out Stock

Our liners are all carefully graded. The crooked and poor plants are discarded. We are confident that our stock will please you.

Tied: 3-4 ft. and up, 25; 2-3 ft. 50; 18-24 in. and smaller, 100 per bundle.

25 of each variety is a minimum order for potted liners.

	Per 100	Per 1000
ACER		
ginnala. Ginnala Maple.		
6 to 12 in.	$ 4.50	$ 40.00
saccharinum. Silver Maple. 1 and 2 year seedlings.		
2 to 3 ft. 2 yr. slightly branched	7.00	60.00
3 to 4 ft. 2 yr. slightly branched	10.00	90.00
4 to 5 ft. 2 yr. slightly branched	16.00	140.00
AMORPHA		
fruticosa. Indigobush Amorpha.		
6 to 12 in.	7.50	60.00
CALLICARPA		
dichotoma. Purple Beautyberry.		
6 to 12 in.	7.50	60.00
12 to 18 in.	10.00	85.00
18 to 24 in.	12.50	100.00
2 to 3 ft.	16.50	150.00
CARAGANA. Siberian Peashrub.		
6 to 12 in.	2.10	18.00
12 to 18 in.	3.50	30.00
18 to 24 in.	4.50	40.00
2 to 3 ft.	6.50	55.00
CATALPA		
Speciosa. Northern Catalpa.		
6 to 12 in.	1.40	12.00
12 to 18 in.	2.50	20.00
18 to 24 in.	3.50	30.00
2 to 3 ft.	4.00	35.00
CELASTRUS		
orbiculatus. Oriental Bittersweet.		
6 to 12 in.	7.50	60.00
12 to 18 in.	10.00	90.00
CELTIS		
occidentalis. Common Hackberry.		
6 to 12 in.	2.10	18.00
12 to 18 in.	3.00	27.00
18 to 24 in.	4.50	40.00
2 to 3 ft.	6.50	60.00
CERCIS. canadensis. Eastern Redbud.		
6 to 12 in.	4.50	40.00
12 to 18 in.	7.00	60.00
18 to 24 in.	12.00	100.00
2 to 3 ft.	16.00	140.00
3 to 4 ft.	20.00	180.00
4 to 5 ft.	25.00	225.00
CORNUS		
alba sibirica. Siberian Dogwood.		
9 to 12 in.	4.50	35.00
12 to 18 in.	6.50	60.00
18 to 24 in.	8.50	80.00
2 to 3 ft.	11.00	100.00
racemosa. Gray Dogwood.		
9 to 12 in.	4.50	35.00
12 to 18 in.	6 50	60.00
18 to 24 in.	8.50	80.00
2 to 3 ft.	11.00	100.00

LINING OUT STOCK—Continued

CORNUS—Continued

	Per 100	Per 1000
stolonifera. Redosier Dogwood.		
9 to 12 in.	$ 4.50	$ 35.00
12 to 18 in.	6.50	60.00
18 to 24 in.	8.50	80.00
2 to 3 ft.	11.00	100.00
stolonifera flaviramea. Yellowtwig Redosier Dogwood.		
9 to 12 in.	4.50	35.00
12 to 18 in.	6.50	60.00
18 to 24 in.	8.50	80.00
2 to 3 ft.	11.00	100.00

CRATAEGUS

mollis. Downy Hawthorn.		
9 to 12 in.	9.00	-----
12 to 18 in.	12.00	-----
oxyacantha. English Hawthorn.		
9 to 12 in.	7.00	-----
12 to 18 in.	9.00	-----

FRAXINUS

americana. White Ash.		
6 to 12 in.	1.80	15.00
quadrangulata. Blue Ash Seedlings.		
9 to 12 in.	4.00	35.00
12 to 18 in.	5.00	45.00
18 to 24 in.	6.50	60.00

GLEDITSIA

triacanthos inermis. Thornless Honeylocust.		
6 to 12 in.	1.80	15.00
12 to 18 in.	3.00	25.00
18 to 24 in.	4.00	35.00

GYMNOCLADUS

dioicus. Kentucky Coffeetree.		
9 to 12 in.	7.00	60.00
12 to 18 in.	9.00	80.00
18 to 24 in.	11.00	100.00

JUGLANS

nigra. Black walnut. 2 year seedlings.		
12 to 18 in.	4.50	40.00
18 to 24 in.	7.00	60.00
2 to 3 ft.	9.00	80.00
3 to 4 ft.	10.00	90.00

LIQUIDAMBER

styraciflua. American Sweetgum.		
9 to 12 in.	9.00	75.00
12 to 18 in.	12.00	100.00

MALUS

Apple Seedlings, Washington grown.		
No. 1, 3/16 to ¼ in., branched	4.30	38.00
No. 1, 3/16 in. and up, straight	4.70	42.00
No. 2, 2/16 to 3/16 in., branched	3.50	30.00
No. 2, 2/16 to 3/16 in., straight	3.50	30.00

LINING OUT STOCK—Continued

	Per 100	Per 1000
MORUS		
alba tatarica. Russian Mulberry.		
18 to 24 in.	$ 3.50	$ 30.00
2 to 3 ft.	4.50	40.00
3 to 4 ft.	7.00	60.00
POPULUS		
alba Bolleana. Bolleana Poplar.		
12 to 18 in.	8.00	70.00
18 to 24 in.	12.00	100.00
Lombardy Poplar. 1 year hardwood cuttings.		
2 to 3 ft.	7.50	65.00
3 to 4 ft.	10.00	90.00
4 to 5 ft., lightly branched	14.00	120.00
5 to 6 ft., lightly branched	21.00	180.00
6 to 8 ft., lightly branched	28.00	240.00
PRUNUS		
American, Native Plum Seedlings.		
¼ in. and up	4.50	40.00
No. 1, 3/16 to ¼ in.	4.00	35.00
No. 2, 2/16 to 3/16 in.	3.00	25.00
Besseyi. Hansen Bush Cherry Seedlings.		
6 to 12 in.	3.00	25.00
Mahaleb, Mahaleb Cherry Seedlings.		
¼ inch and up	4.50	40.00
No. 1, 3/16 to ¼ in.	4.30	38.00
No. 2, 2/16 to 3/16 in.	3.50	30.00
Mazzard, Mazzard Cherry Seedlings.		
¼ inch and up	4.70	42.00
No. 1, 3/16 to ¼ in.	4.30	38.00
No. 2, 2/16 to 3/16 in.	3.50	30.00
Tomentosa, Nanking Cherry Seedlings.		
No. 1, 3/16 to ¼ in.	5.80	52.00
No. 2, 2/16 to 3/16 in.	5.20	47.00
PYRUS		
Bartlett Pear Seedlings, Washington grown.		
¼ in. and up, branched	4.70	42.00
¼ in. and up, straight	4.70	42.00
No. 1, 3/16 to ¼ in., branched	4.30	38.00
No. 1, 3/16 to ¼ in., straight	4.30	38.00
No. 2, 2/16 to 3/16 inch branched	3.50	30.00
No. 2, 2/16 to 3/16 inch straight	3.50	30.00
QUERCUS		
palustris. Pin Oak. 2 and 3 year seedlings.		
12 to 18 in.	9.00	80.00
18 to 24 in.	14.00	120.00
2 to 3 ft.	22.50	200.00
3 to 4 ft.	33.00	300.00
4 to 5 ft.	45.00	425.00
QUINCE		
Angers Rooted Cuttings, Washington grown.		
¼ in. and up	7.20	65.00
No. 1, 3/16 to ¼ in.	6.70	60.00
RHUS		
aromatica. Fragrant Sumac.		
6 to 12 in.	4.50	40.00
12 to 18 in.	6.00	50.00
ROBINIA		
pseudoacacia. Black Locust.		
6 to 12 in.	1.80	15.00
12 to 18 in.	2.60	22.00

LINING OUT STOCK—Continued

	Per 100	Per 1000
SALIX		
alba tristis. Niobe Willow.		
2 to 3 ft.	$ 9.00	$ 80.00
3 to 4 ft.	14.00	120.00
alba vitellina. Yellowstem White Willow.		
18 to 24 in.	4.50	40.00
2 to 3 ft.	5.50	50.00
3 to 4 ft.	8.50	75.00
blanda. Wisconsin Weeping Willow.		
2 to 3 ft.	9.00	80.00
3 to 4 ft.	14.00	120.00
4 to 5 ft.	16.50	150.00
5 to 6 ft.	22.50	200.00
SYRINGA		
josikaea. Hungarian Lilac. 2 year seedlings.		
6 to 9 in. seedlings	4.00	35.00
9 to 12 in. seedlings	6.50	60.00
12 to 18 in. seedlings	8.50	75.00
villosa. Late Lilac.		
6 to 9 in.	4.00	35.00
9 to 12 in.	6.50	60.00
vulgaris. Common Purple Lilac. 1 year seedlings.		
18 to 24 in. seedlings	8.50	75.00
2 to 3 ft. seedlings	12.00	100.00
TAMARIX		
hispida Summer Glow.		
This grade ideal for containers.		
9 to 12 in. 1 cane	5.50	50.00
12 to 18 in. 1 cane	7.00	60.00
18 to 24 in. 1 cane	9.00	75.00
ULMUS		
americana. American Elm.		
6 to 12 in.	2.00	18.00
12 to 18 in.	2.50	22.00
18 to 24 in.	3.50	30.00
2 to 3 ft.	4.50	40.00
pumila. Chinese Elm. 1 and 2 year seedlings.		
6 to 12 in.	1.80	15.00
12 to 18 in.	2.50	22.00
18 to 24 in.	3.50	30.00
2 to 3 ft.	4.50	40.00
3 to 4 ft. Root pruned	7.00	60.00
4 to 5 ft. Root pruned	12.00	100.00
5 to 6 ft. Root pruned	19.00	160.00
6 to 8 ft. Root pruned	28.00	250.00
VIBURNUM		
dentatum. Arrowwood. 1 year seedlings.		
6 to 9 in.	7.00	60.00
9 to 12 in.	9.00	75.00
12 to 18 in.	12.00	100.00
18 to 24 in.	16.00	140.00
ZELKOVA		
serrata. Japanese Keaki Tree.		
6 to 9 in.	2.50	20.00
9 to 12 in.	3.50	30.00
12 to 18 in.	4.50	40.00
18 to 24 in.	5.50	50.00
2 to 3 ft.	7.00	65.00

Specimen Evergreens

PRICES include digging, BALLED and BURLAPPED by experienced personnel; however, ALL EVERGREENS ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF PLANTS ARRIVE IN GOOD CONDITION AND ARE ACCEPTED OUR RESPONSIBILITY CEASES. We DO NOT guarantee survival.

Evergreens that are selected and marked by customers in the nursery will carry 20 per cent additional charge added to the following listed prices.

WE INVITE inquiries for varieties and sizes not listed. Many items in nominal quantities of either size or variety are not listed herein.

JUNIPERUS

	Per 10	Per 100
chinensis mountbatten. Zone 4.		
New columnar with silvery green foliage that holds its color well all winter.		
18 to 24 in.	$35.00	$325.00
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00
chinensis pfitzeriana. Pfitzer Juniper. Zone 4.		
Valuable natural spreading habit of growth.		
12 to 15 in.	22.50	200.00
15 to 18 in.	27.50	250.00
18 to 24 in.	32.50	300.00
2 to 2½ ft.	37.50	350.00
2½ to 3 ft.	42.50	400.00
chinensis pfitzeriana compacta. Zone 4.		
Compact form of Pfitzer.		
15 to 18 in.	32.50	300.00
18 to 24 in.	37.50	350.00
chinensis sargenti. Sargent Juniper. Zone 4.		
Prostrate shrub with creeping stems.		
12 to 15 in.	27.50	250.00
15 to 18 in.	32.50	300.00
18 to 24 in.	37.50	350.00
chinensis sargenti Ames. Ames Juniper. Zone 4.		
Broad upright plant, tapering to a pointed top.		
18 to 24 in.	37.50	350.00
2 to 2½ ft.	45.00	425.00
chinensis Sargenti I-O-Ace. Zone 4.		
Good green tapering upright with broad base.		
18 to 24 in.	37.50	350.00
2 to 2½ ft.	45.00	425.00
chinensis sargenti Maneyi. Maneyi Juniper. Zone 4.		
Prostrate variety that does well in shaded areas. Hardy.		
15 to 18 in.	32.50	300.00
2 to 2½ ft.	45.00	425.00
communis hibernica. Irish Juniper. Zone 2.		
A dense, upright form of communis. Very symmetrical with glaucous green foliage.		
18 to 24 in.	15.00	125.00
2 to 3 ft.	22.50	200.00
3 to 4 ft.	30.00	275.00
horizontalis plumosa. Andorra Juniper. Zone 3.		
Foliage more feathery and a lighter green than horizontalis. Turns pinkish to purple color in autumn and remains until new growth starts.		
15 to 18 in.	27.50	250.00
18 to 24 in.	32.50	300.00
procumbens. Japgarden Juniper. Zone 6.		
Spreading shrub to 2 feet high.		
15 to 18 in.	35.00	325.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

	Per 10	Per 100
procumbens nana. Dwarf Japgarden Juniper. Zone 6. Handsome low shrub often planted as a ground cover.		
12 to 15 in.	$37.50	$-----
15 to 18 in.	42.50	-----
sabina. Savin Juniper. Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups, or low borders.		
12 to 15 in.	20.00	175.00
15 to 18 in.	27.50	250.00
18 to 24 in.	32.50	300.00
scopulorum Blue Heaven. An attractive, easily maintained silvery blue pyramid.		
2½ to 3 ft.	47.50	-----
scopulorum Cologreen. Light green foliage. Conical habit of growth.		
2½ to 3 ft.	47.50	450.00
scopulorum Moffeti. Pyramidal habit with heavy base. Mixed green and silver foliage, more silver on tips of branches.		
2 to 2½ ft.	42.50	-----
2½ to 3 ft.	47.50	450.00
scopulorum Pathfinder. Compact pyramidal habit. Silvery-blue foliage.		
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00
scopulorum Welchi. Of columnar habit and greenish silver color.		
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00
virginiana Burki. Zone 2. Columnar growth habit and steel blue thick foliage. Responds to pruning.		
2 to 2½ ft.	42.50	-----
2½ to 3 ft.	47.50	450.00
virginiana Canaert. Zone 2. Of columnar habit and greenish silver color.		
2 to 2½ ft.	45.00	425.00
2½ to 3 ft.	50.00	475.00
virginiana Cupressifolia. Resembles Canaerti in color and form but grows faster.		
3 to 3½ ft.	55.00	525.00
3½ to 4 ft.	62.50	600.00
virginiana glauca. Zone 2. Very blue-gray leaves.		
2 to 2½ ft.	45.00	425.00
2½ to 3 ft.	50.00	-----
virginiana Hill Dundee. Zone 2. Broad, easily maintained pyramid. Gray green foliage turns plum color in fall.		
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

	Per 10	Per 100
virginiana Keteleer. Zone 2.		
Compact pyramidal form with ascending branches and dark green scale-like foliage.		
2 to 2½ ft.	$42.50	$400.00
2½ to 3 ft.	47.50	450.00
3 to 3½ ft.	55.00	525.00
3½ to 4 ft.	62.50	600.00

PICEA

abies. Norway Spruce. 80-100 feet. Zone 2.		
Dark green foliage. Rapid grower.		
18 to 24 in.	30.00	275.00
2 to 2½ ft.	35.00	--
glauca densata. Black Hills Spruce. 60 feet. Zone 2.		
Most compact, symmetrical, tall spruce. Green foliage with bluish tint.		
15 to 18 in.	20.00	--
18 to 24 in.	25.00	--

PINUS

mughus. Mugho Pine. 4 feet. Zone 3.		
Deep green foliage. Dwarf, compact round head.		
12 to 15 in.	37.50	350.00
15 to 18 in.	42.50	400.00

PSEUDOTSUGA.

taxifolia douglasi. Douglas Fir. 70-80 feet.		
Hardy gray-green pyramid. Rapid grower.		
2 to 2½ ft.	45.00	425.00
2½ to 3 ft.	55.00	525.00

THUJA

occidentalis globosa. Globe Arborvitae. 3 feet. Zone 3.		
Popular globe type for sun or shade.		
12 to 15 in.	15.00	125.00
occidentalis Little Champion. 20-36 inches. Zone 3.		
A superb new evergreen originating in Canada. Grows thick and bushy without shearing. Rich, bright green foliage is lacy and soft. Very hardy.		
12 to 15 in.	15.00	125.00
15 to 18 in.	20.00	175.00
18 to 24 in.	25.00	225.00
2 to 2½ ft.	30.00	275.00
occidentalis Pyramidal. Pyramidal American Arborvitae. Zone 3.		
Foliage of rich green. Narrow, pyramidal habit.		
18 to 24 in.	25.00	225.00
2 to 2½ ft.	30.00	275.00
2½ to 3 ft.	32.50	300.00
3 to 3½ ft.	37.50	350.00

ROSES

All our roses are carefully grown, consistently sprayed and dusted during the growing season and dug only when thoroughly dormant. These roses are carefully graded and stored in our modern automatically controlled cold storage.

OUR ROSES ARE GUARANTEED TO PLEASE YOU

All roses are tied No. 1 and No. 1½, 10 per bundle.

WE DO NOT BREAK BUNDLES

Following the procedure of the American Rose Society, national ratings are given following the name: (9.1). The numeral following rating indicates relative height; 1 means low, 2 medium, 3 tall. Relative fragrance is indicated by the letter: S slightly fragrant, F moderate, V very fragrant.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
No. 1	$ 6.50	$ 60.00	$550.00
No. 1½	5.25	47.50	425.00

RED SHADES

Ami Quinard, (6.3) 2 F. Dark velvety crimson, almost black.

Charlotte Armstrong, (9.0) 3 F. Long pointed bud. Double spectrum-red to cerise blooms on long stems. Vigorous compact bush.

Christopher Stone, (8.1) 2 F. Vivid-scarlet, free blooming plant.

Crimson Glory, (9.1) 3 V. Large, double, deep velvety crimson with shadings.

Etoile de Hollande, (8.1) 2 V. Bright red unfading bloom on upright stem. Free flowering.

Poinsettia, (7.6) 3 S. One of the most brilliant red roses ever produced. Poinsettia scarlet. Good grower and fine cut flower. Free bloomer.

Red Radiance, (7.9) 3 V. Bright rosy red, free blooming.

PINK SHADES

Editor McFarland, (7.1) 2 V. Large double, glowing pink blooms with slight yellow tinge.

Picture, (8.0) 2 S. Clear rose-pink. Large and double.

Pink Dawn, (7.1) 2 V. Deep rose-pink. Large and double.

Pink Radiance, (7.9) 3 V. Large rose-pink. Long stems. Dependable.

The Doctor, (7.6) 2 V. The buds are long and pointed; enormous blooms of satiny pink.

YELLOW SHADES

Eclipse, (8.1) 3 F. Long-pointed buds of deep gold opening to golden yellow blooms on long stems. Profuse bloomer.

Golden Dawn, (7.5) 1 V. Double bloom of light sunflower yellow. Bud flushed old rose. Low spreading plant.

Joanna Hill, (7.1) 2 F. Double blooms of golden buff, yellow center.

McGredy's Yellow, (7.5) 2 S. Large, double flowers of bright buttercup yellow.

Soeur Therese, (7.5) 2 S. Double, rich yellow blooms. Bronze foliage.

ROSES—Continued

TEA, HYBRID TEAS AND EVERBLOOMING—Continued

TWO-TONED SHADES

Comtesse Vandal, (7.5) 2 F. Long, pointed, orange-copper buds. Large double blooms of salmon and coppery pink on strong stems.

Condesa de Sastago, (7.4) 3 F. Petals are coppery pink inside, golden reverse.

Pres. Herbert Hoover, (7.7) 3 F. Varying orange shades with lighter outside petals. Double.

Talisman, (6.5) 3 F. Golden yellow and copper blooms on long stems.

WHITE SHADES

K. A. Viktoria, (6.7) 3 S. Very double, snowy white, lemon tinted center.

McGredy's Ivory, (7.2) 2 F. Ivory-white with yellow base. Glossy, dark foliage.

Mme. Jules Bouche, (7.0) 2 F. White with pale blush center. Persistent bloomer.

Pedralbes, (7.4) 2 S. Cream turning to pure white. Large, double.

Rex Anderson, (6.9) 2 F. An outstanding exhibition rose of delicate lovely ivory-white. Flowers perfectly formed and slow opening.

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
No. 1	$ 6.50	$ 60.00	$550.00
No. 1½	5.25	47.50	425.00

Alain, (7.7) 2 S. Medium sized semi-double flower of bright carmine red in clusters. Glossy dark foliage. Upright, bushy plant.

Dagmar Spaeth, (8.2) 2 F. Alabaster white, edged pink.

Floradora, (8.2) 3 S. Scarlet and geranium red floribunda producing double 50 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.

Frensham, (8.6) 2 S. Deep unfading scarlet in large trusses. Semi-double. Free blooming.

Garnette, (7.8) 2 S. Garnet-red with light lemon yellow base. Double.

King Boreas, (6.9) 2 F. Very double. pure yellow shading to nearly white. Recurrent bloomer. Hardy.

Lafayette Improved, (7.8) 2 S. Large flowers of bright cherry-crimson.

Permanent Wave, (8.1) 3 S. Bright carmine, semi-double flowers in clusters. Edges of petals wavy.

Pinocchio, (7.8) 2 F. Blooms double, pink suffused salmon in long sprays.

Rosenelfe, (8.2) 2 F. Double, LaFrance pink flowers in clusters on long, strong stems.

Summer Snow, (7.4) 2 S. The most prolific of white floribundas. Flowers in large clusters.

World's Fair, (8.0) 2 F. Blooms in large clusters of deep crimson fading to scarlet.

ROSES—Continued

CLIMBERS AND RAMBLERS

	Per 10	Per 100	Per 1000
Blaze, ( ). Everblooming. An improved strain that blooms through-out the summer. Produces brilliant scarlet red flowers of large size.			
No. 1	$ 7.00	$ 65.00	$600.00
No. 1½	6.00	55.00	500.00
City of York, (8.6) F. Semi-double, creamy-white in clusters of 7 to 15. Very vigorous climber and blooms profusely.			
No. 1	6.50	60.00	550.00
No. 1½	5.50	50.00	450.00
Cl. American Beauty, (7.6) V. Flowers rose-red on long stems in June.			
No. 1	6.00	55.00	500.00
No. 1½	5.00	45.00	400.00

Climbing Hybrid Tea

	Per 10	Per 100	Per 1000
No. 1	$ 7.00	$ 65.00	$600.00
No. 1½	6.00	55.00	500.00

Caledonia, ( ) Large double white.
Pink Radiance, ( ) Rose pink.
Red Radiance, ( ) Light red.
Talisman, ( ) Pink blend.

	Per 10	Per 100	Per 1000
Cl. Summer Snow, ( ) Glacier white double blooms in large clusters. A persistant bloomer, vigorous and hardy.			
No. 1	$ 7.00	$ 65.00	$600.00
No. 1½	6.00	55.00	500.00
Doubloons, (7.1) F. Double, rich gold, fragrant flowers in clusters on strong stems.			
No. 1	6.50	60.00	550.00
No. 1½	5.50	50.00	450.00
New Dawn, (8.8) S. Fragrant blush pink flowers in clusters Everblooming.			
No. 1	6.50	60.00	550.00
No. 1½	5.50	50.00	450.00
Paul's Scarlet, (9.1) S. Large intense scarlet flowers borne in clusters, free-flowering and hardy.			
No. 1	6.00	55.00	500.00
No. 1½	5.00	45.00	400.00

ROSES—Continued

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are FOR SALE AT RETAIL ONLY, at or above prices specified. PRICES ARE NET.

SORRY, WE CANNOT ACCEPT ORDERS FOR BROKEN BUNDLES.

HYBRID TEA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Arlene Francis, (7.1) 2 F. Patent No. 1684. (Retails $3.00 ea.; 3 or more $2.65 ea.) Golden yellow 5 inch blooms average from 20 to 25 petals. Medium tall plant with good foliage. Prolific bloomer; hardy.				
No. 1	$1.65	$ 1.50	$ 1.40	$
No. 1½	1.32	1.20		
Aztec, (7.7) Patent No. 1648. (Retails $2.75 ea.; 3 or more $2.40 ea.) A vivid scarlet-orange beauty, with big, long-lasting, show-type flowers on a vigorous easily grown plant. Ovoid buds and double, high-centered blooms.				
No. 1½	1.20	1.10		
Blanche Mallerin, (7.1) 2 F. Patent No. 594. (Retails $2.00 ea.; 3 or more $1.75 ea.) Long shapely buds and beautifully molded blooms of pure satiny white are produced freely on a vigorous and upright bush. Sweetly fragrant.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Capistrano, (7.4) 3 F. Patent No. 922. (Retails $2.00 ea.; 3 or more $1.75 ea.) Bright pink buds and blooms. Flowers are large and double, 6 inches. Leathery foliage on vigorous upright plant.				
No. 1	1.10	1.00	.95	
No. 1½	.88	.80	.76	
Chrysler Imperial, (8.8) 2 V. Patent No. 1167. (Retails $2.50 ea.; 3 or more $2.20 ea.) In color, CHRYSLER IMPERIAL is unmatched by any other red rose, its vivid, rich tones of crimson are enhanced by darker overtones of glowing oxblood red, and the gem-like luster of garnet in the folds retains its sparkling beauty. Long, tapering buds unfold even in adverse weather, opening to large high centered flowers measuring 4½ to 5 inches with 40 to 50 petals. These are borne on sturdy, medium long stems. The opening of each glorious rose is a thrilling spectacle of changing, irridescent shades of red. In growth, CHRYSLER IMPERIAL ROSE is compact and symmetrical. Its abundant, dark green, semi-glossy foliage gives the bush the appearance of a handsome garden shrub. A.A.R.S. award for 1953.				
No. 1	1.40	1.25	1.20	1 10
No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Duet, ( ) 2 S. Patent No. 1903. (Retails $3.50 ea.; 3 or more $3.10 ea.) Large urn shaped bud. Double high centered flower with light pink petals and dark pink or light red reverse. The blooms borne singly and several together have good lasting qualities. Leathery dark green foliage. Disease resistant. Vigorous upright plant. Profuse bloomer. A.A.R.S. Award 1961.				
No. 1½	$1.52	$ 1.40	$	$
Forty-Niner, (6.8) 2 S. Patent No. 792. (Retails $2.50 ea.; 3 or more $2.20 ea.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid orient red, while the outside is a chrome yellow, changing to straw yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals.				
No. 1	1.40	1.25		
No. 1½	1.12	1.00		
Fred Howard, (6.6) 2 S. Patent No. 1006. (Retails $2.00 ea.; 3 or more $1.75 ea.) Large, double bloom of golden orange with pink shadings. Strong, upright plant. Long blooming period.				
No. 1	1.10	1.00		
No. 1½	.88	.80		
Gail Borden, (7.7) 2 F. Patent No. 1618. (Retails $3.00 ea.; 3 or more $2.65 ea.) Pink interior with apricot-yellow outside. Beautiful bud and flower form. Rugged, glossy foliage is disease resistant.				
No. 1	1.65	1.50	1.40	
No. 1½	1.32	1.20	1.12	
Garden Party, Patent No. 1814. (Retails $3.00 ea.; 3 or more $2.65 ea.) A.A.R.S. Award Winner for 1960. A cross between Charlotte Armstrong and Peace. Displays cream and ivory petals, delicately tinted with soft pink. The fully double blooms, opening from long, well shaped buds, often measure as much as seven inches across and are supported on long sturdy stems. The plant is vigorous and free branching, producing a continuous succession of flowers.				
No. 1	1.65	1.50		
No. 1½	1.32	1.20		
Golden Scepter, (7.3) 3 F. Patent No. 910. (Retails $1.85 ea.; 3 or more $1.65 ea.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.				
No. 1	1.05	.92½	.85	
No. 1½	.84	.74	.68	

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Helen Traubel, (8.7) 3 F. Patent No. 1028. (Retails $2.75 ea.; 3 or more $2.40 ea.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened bloom display the lovely color in a most lavish way.				
No. 1	$1.50	$ 1.37½	$	$
No. 1½	1.20	1.10		
Katherine T. Marshall, (7.2) 3 S. Patent No. 607. (Retails $1.85 ea.; 3 or more $1.65 ea.) A rose of rare beauty and delicacy of form growing vigorously with large; open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.				
No. 1	1.05	.92½	.85	
No. 1½	.84	.74	.68	
Kordes Perfecta, (7.8) Patent No. 1604. (Retails $3.50 ea.; 3 or more $3.10 ea.) Urn shaped buds open into flowers of 4 to 5 inches and 65 to 70 petals. Blooms are high-centered, very fragrant, cream tipped and then flushed crimson, suffused yellow. Long, strong stems. Dark, glossy foliage.				
No. 1	1.85	1.75		
No. 1½	1.48	1.40	1.24	
Love Song, (6.5) 2 V. Patent No. 1360. (Retails $2.50 ea.; 3 or more $2.20 ea.) Very double, beautifully formed rose of watermelon pink. Vivid yellow reverse. Upright plant with deep green waxy leaves.				
No. 1	1.40	1.25	1.20	
No. 1½	1.12	1.00	.96	
Lowell Thomas, (7.7) 2 F. Patent No. 595. (Retails $2.25 ea.; 3 or more $2.00 ea.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high centered, lasting. Clear canary-yellow on strong stem. Vigorous compact, bushy, plants; upright intermittent bloomer. A.A.R.S. award for 1944.				
No. 1	1.25	1.12½		
No. 1½	1.00	.90		
Mirandy, (7.7) 3 V. Patent No. 632. (Retails $2.25 ea.; 3 or more $2.00 ea.) First place winner of All-American rose competition of 1945. A strong free-branching plant producing large, long pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.				
No. 1	1.25	1.12½	1.05	
No. 1½	1.00	.90	.84	

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Mojave, (7.4) 2 F. Patent No. 1176. (Retails $2.75 ea.; 3 or more $2.40 ea.) Slender bud opening into a blend of salmon, apricot and orange. A Charlotte Armstrong Cross that has many of its parents fine characteristics.				
No. 1	$1.50	$ 1.37½	$ 1.30	$ ----
No. 1½	1.20	1.10	1.04	----
New Yorker, (8.0) 2 F. Patent No. 823. (Retails $2.50 ea.; 3 or more $2.20 ea.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.				
No. 1	1.40	1.25	----	----
No. 1½	1.12	1.00	----	----
Nocturne, (8.1) 3 V. Patent No. 713. (Retails $2.25 ea.; 3 or more $2.00 ea.) Bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and the pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.				
No. 1	1.25	1.12½	1.05	----
No. 1½	1.00	.90	.84	----
Peace, (9.6) 3 S. Patent No. 591. (Retails $2.50 ea.; 3 or more $2.20 ea.) Ovoid buds are golden-yellow etched with pink as they open; color changes from canary-yellow, pale golden, to irridescent cream. Petals are edged with apple-blossom-pink that deepens as the flowers slowly open to glorious 5 inch blooms. A.A.R.S. award for 1946.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
Pink Peace, (7.3) Patent No. 1759. (Retails $3.00 ea.; 3 or more $2.65 ea.) Very fragrant and non-fading pink blooms are borne individually on long stems. The vigorous upright plant is quite generous with the 60-65 petal flowers. Disease resistant leathery leaves.				
No. 1	1.65	1.50	----	----
No. 1½	1.32	1.20	----	----
Rubaiyat, (8.2) 3 V. Patent No. 758. (Retails $1.85 ea.; 3 or more $1.65 ea.) Shapely buds open to large, double flowers of rose-pink to cerise red. Plant is tall, hardy and disease resistant.				
No. 1	1.05	.92½	----	----
No. 1½	.84	.74	----	----

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Show Girl, (7.6) 2 F. Patent No. 646. (Retails $2.25 ea.; 3 or more $2.00 ea.) Perfectly formed buds of deep pink. Heavy textured petals and lasting quality of blooms make this one of the best pink roses for cutting. Long stems.				
No. 1	$1.25	$ 1.12½	$ 1.05	$ .95
No. 1½	1.00	.90	.84	.76
Suspense, ( ) Patent applied for. (Retails $3.00 ea.; 3 or more $2.65 ea.) Yellow buds opening to a good lasting bloom of Turkey red with outside of petals yellow-ochre. Flowers 6 inches across have 55 to 60 petals and a slight tea fragrance. Borne singly. Leathery glossy, dark green leaves. Upright bushy plant. Free, continuous bloom.				
No. 1	1.65	1.50	----	----
No. 1½	1.32	1.20	----	----
Sun Valley, (6.5) 2 V. Patent No. 1135. (Retails $2.50 ea.; 3 or more $2.20 ea.) Golden yellow flowers hold brilliant tone in open blooms and are borne profusely throughout the season on tall straight stems. Shining dark green foliage is disease resistant.				
No. 1	1.40	1.25	1.20	----
No. 1½	1.12	1.00	.96	----
Sutters Gold, (8.1) 3 V. Patent No. 885. (Retails $2.25 ea.; 3 or more $2.00 ea.) Beautiful long-point, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24-petaled flowers are high centered and richly colored. A.A.R.S. award for 1950.				
No. 1	1.25	1.12½	----	----
No. 1½	1.00	.90	----	----
Tallyho, (8.4) 3 V. Patent No. 828. (Retails $2.25 ea.; 3 or more $2.00 ea.) Ovoid buds open to large high centered double flowers with a spicy fragrance. The inside of the petals are old rose while the reverse side is brilliant crimson. The tall robust plants are very hardy. A.A.R.S. Award for 1949.				
No. 1	1.25	1.12½	1.05	----
No. 1½	1.00	.90	.84	----
Tiffany, (8.8) 3 V. Patent No. 1304. (Retails $2.75 ea.; 3 or more $2.40 ea.) Pointed buds of deep pink with golden shading at base, open to a phlox-pink bloom. Flowers are perfectly formed, double and have exceptional lasting qualities. Blooms are borne singly on long stems. Vigorous upright bush with dark green foliage. A.A.R.S. award for 1955.				
No. 1	1.50	1.37½	----	----
No. 1½	1.20	1.10	1.04	----

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Twilight, (6.1) 2 F. Patent No. 1434. (Retails $2.75 ea.; 3 or more $2.40 ea.) Double blooms in a pastel tint of lavender-lilac with silvery reverse. Flowers usually borne singly on 12 to 15 inch stems. The 20 to 24 inch plant has excellent foliage.				
No. 1	$1.50	$ 1.37½	$	$
No. 1½	1.20	1.10		
White Knight, (7.2) Patent No. 1359. (Retails $3.00 ea.; 3 or more $2.65 ea.) First white hybrid tea ever awarded the A.A.R.S. honor. Superb form of both bush and flower. The satiny white blossoms hold their purity of color on long stems ideal for cutting. The 35 petals roll loosely outward achieving a stunning effect in the open flower. 1958 A.A.R.S. award winner.				
No. 1	1.65	1.50	1.40	1.30
No. 1½	1.32	1.20	1.12	1.04

PATENTED CLIMBERS

Cl. Blossomtime, (8.3) V. Patent No. 1240. (Retails $2.50 ea.; 3 or more $2.20 ea.) Flowers of hybrid tea form, light pink with deeper tones on the outside. Moderate climber. Profuse bloom all season.				
No. 1	1.40	1.25		
No. 1½	1.12	1.00		
Cl. Crimson Glory, (8.3) V. Patent No. 736. (Retails $2.75 ea.; 3 or more $2.40 ea.) Produces an abundance of perfectly formed crimson colored blooms.				
No. 1	1.50	1.37½		
No. 1½	1.20	1.10		
Cl. Golden Showers, (7.4) F. Patent No. 1557. (Retails $2.75 ea.; 3 or more $2.40 ea.) Golden Showers is the first winter-hardy ever blooming pillar and climbing rose that actually blooms from early spring through to late fall. The buds and flowers are exquisitely shaped daffodil yellow, long pointed buds with fragrant, high centered, 25-30 petaled 3½ to 4 inch yellow open blooms. Almost thornless. Highly resistant to mildew and black spot. 1957 A.A.R.S. Award Winner.				
No. 1	1.50	1.37½	1.30	1.20
No. 1½	1.20	1.10	1.04	.96
Cl. Peace, (7.2) S. Patent No. 932. (Retails $2.50 ea.; 3 or more $2.20 ea.) Climbing form of the famous Hybrid Tea. Blooms lemon-yellow, edged rose-pink. Very dark glossy foliage.				
No. 1	1.40	1.25	1.20	
No. 1½	1.12	1.00	.96	

ROSES—Continued

PATENTED CLIMBERS—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Don Juan, (8.2) Patent No. 1864. (Retails $3.00 ea.; 3 or more $2.65 ea.) Pillar type. Constant display of deep velvety red 5 inch flowers with delightful fragrance. Color holds, does not burn. Excellent for cutting. Very hardy.				
No. 1	$1.65	$ 1.50	$----	$----
No. 1½	1.32	1.20	----	----

PATENTED FLORIBUNDA

Baby Blaze, (7.6) Patent No. 1362. (Retails $2.00 ea.; 3 or more $1.75 ea.) A 1955 introduction which features dark red buds, opening to a rich velvety cherry-red color and only a few shades lighter when fully opened. Does not blue in any stage. Excellent for group plantings, foundation plantings and hedges. Flowers produced in large clusters of from 10 to 25 on a shoot. Vigorous grower, bushy, 3 feet.				
No. 1	1.10	1.00	.95	----
No. 1½	.88	.80	.76	----
Chatter, (7.3) Patent No. 739. (Retails $1.50 ea.; 3 or more $1.30 ea.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.				
No. 1	.90	.75	.70	----
No. 1½	.72	.60	.56	----
Circus, (7.8) Patent No. 1382. (Retails $2.50 ea.; 3 or more $2.20 ea.) A.A.R.S. Award for 1956. The first Floribunda ever to win this award. Perfect urn-shaped buds of bright red and yellows, each color changing as the high-centered flower unfolds. Predominating color may be orange, then pink or gold, maturing a bright red. Mildly fragrant and of lasting substance making it fine for cutting. Plant is vigorous, medium low and compact with handsome foliage.				
No. 1	1.40	1.25	1.20	----
No. 1½	1.12	1.00	.96	----
Fashion, (8.9) 2 F. Patent No. 789. (Retails $2.00 ea.; 3 or more $1.75 ea.) Brilliant coral-peach flowers open with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. Award for 1950.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Fire King, ( ) Patent No. 1758. (Retails $2.50 ea.; 3 or more $2.20 ea.) Tall growing floribunda with perfectly formed, brilliant vermilion flowers measuring from two to three inches across. Deep red buds open to brighter blooms of 45 to 50 petals, which form heavy clusters. Strong grower with dark green foliage. A.A.R.S. Award Winner 1960.				
No. 1	$1.40	$ 1.25	$ 1.20	$ 1.10
No. 1½	1.12	1.00	.96	.88
Fusilier, (7.8) Patent No. 1709. (Retails $2.00 ea.; 3 or more $1.75 ea.) Rich orange red of great brilliance which runs to a darker cherry red in the fall. Flowers are produced in heavy clusters. Petals of the large blooms are frilled. 1958 A.A.R.S. Award.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Gold Cup, (7.1) Patent No. 1683. (Retails $2.00 ea.; 3 or more $1.75 ea.) Golden yellow blooms hold their color throughout life of the flower. Lovely fragrance. Glossy foliage. 1958 A.A.R.S. Award.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Goldilocks, (7.3) 1 F. Patent No. 672. (Retails $1.75 ea.; 3 or more $1.55 ea.) Large double blooms of deep yellow borne in clusters on small bushy plant. Free bloomer.				
No. 1	1.00	.87½	.80	.75
No. 1½	.80	.70	.64	.60
Independence, (8.2) 2 F. Patent No. 1036. (Retails $1.75 ea.; 3 or more $1.55 ea.) Clusters of large double blooms of spectrum-red. Dark, glossy foliage on well branched plants.				
No. 1	1.00	.87½	.80	.75
No. 1½	.80	.70	.64	.60
Ivory Fashion, (8.0) Patent No. 1688. (Retails $2.50 ea.; 3 or more $2.20 ea.) Buds resemble those of a Hybrid Tea, and the high centered flower is almost 4 inches wide when open. The ivory color is set off by a suggestion of yellow in the bud stage and the petals hold well after opening. The plant achieves a height of some 30 inches. Bloom period is unusually long. 1959 A.A.R.S. Award.				
No. 1	1.40	1.25	1.20	----
No. 1½	1.12	1.00	.96	----
Jiminy Cricket, (7.5) 2 V. Patent No. 1346. (Retails $2.00 ea.; 3 or more $1.75 ea.) Tangerine red buds opening to coral-orange. Bronze foliage turning to rich green. Vigorous grower ideal for hedges and borders. A.A.R.S. Award for 1955.				
No. 1	1.10	1.00	.95	----
No. 1½	.88	.80	.76	----

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Little Darling, (8.5) 2 F. Patent No. 1581. (Retails $2.25 ea.; 3 or more $2.00 ea.) Red orange on the outside changing to rose pink tones with buttercup yellow at center. Fine for corsages. Tall, bushy plant. Reddish-green foliage.				
No. 1	$1.25	$ 1.12½	$ 1.05	$ .95
No. 1½	1.00	.90	.84	.76
Ma Perkins, (7.9) 2 V. Patent No. 1143. (Retails $2.00 ea.; 3 or more $1.75 ea.) Shades of red in the outer petals change to an open bloom of coral shell pink. A suffusion of yellow is present in all stages. Fragrant 25 petal blooms in clusters and singly all season.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Masquerade, (7.8) 3 S. Patent No. 975. (Retails $2.00 ea.; 3 or more $1.75 ea.) Bloom clusters of yellow, red, pink, lemon and orange, 25 to 30 blooms per stem. Golden yellow center bud in each cluster opens first becoming rose pink and deepening to red.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Pinkie, (7.6) 1 S. Patent No. 712. (Retails $2.00 ea.; 3 or more $1.75 ea.) Medium size, semi-double flower of Neyron rose. Cupped blooms are borne in large trusses. Soft glossy foliage on a dwarf, bushy 2 foot plant. A.A.R.S. Award winner.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Red Pinocchio, (8.8) 2 F. Patent No. 812. (Retails $1.75 ea.; 3 or more $1.55 ea.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Vigorous; prolific bloomer.				
No. 1	1.00	.87½	.80	.75
No. 1½	.80	.70	.64	.60
Sarabande, ( ) Patent No. 1761. (Retails $2.50 ea.; 3 or more $2.20 ea.) Semidouble blooms of unique scarlet orange and somewhat larger than those of most floribundas, bearing twelve to fifteen petals. Low growth habit and compact form make a suitable plant for hedges and border edgings. Blooms early and continuously throughout the season. A.A.R.S. Award Winner for 1960.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Spartan, (8.3) 2 V. Patent No. 1357. (Retails $2.50 ea.; 3 or more $2.20 ea.) Clusters of burnt orange buds open slowly to a huge high-centered hybrid tea shaped bloom of bright orange red. Strong vigorous plant blooms long and abundantly.				
No. 1	$1.40	$ 1.25	$ 1.20	$
No. 1½	1.12	1.00	.96	
The Texan (7.9) 3 V. Patent No. 1471. (Retails $2.25 ea.; 3 or more $2.00 ea.) Fragrant rose red with yellow base. Double, medium sized flowers continuously in bloom. Dark green foliage.				
No. 1	1.25	1.12½	1.05	.95
No. 1½	1.00	.90	.84	.76
Vogue, (8.2) 2 S. Patent No. 926. (Retails $2.00 ea.; 3 or more $1.75 ea.) Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three or four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. Award for 1952.				
No. 1	1.10	1.00	.95	
No. 1½	.88	.80	.76	
White Bouquet, (7.5) 2 F. Patent No. 1415. (Retails $2.50 ea.; 3 or more $2.20 ea.) First white floribunda to win A.A.R.S. award, 1957. Spicy fragrant flowers to 4 inches across in clusters and as individual flowers. Golden yellow stamens. Dark green foliage. 18 to 24 inches tall.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88

PATENTED GRANDIFLORA ROSES

The new Grandiflora class consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower, though not necessarily as large as Hybrid Teas, is larger than the average Floribunda but with the bud and flower form of the Hybrid Tea.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Buccaneer, (7.3) 3 F. Patent No. 1119. (Retails $2.50 ea.; 3 or more $2.20 ea.) Perfect long buds open to a very bright unfading yellow. Profuse bloomer.				
No. 1	$1.40	$ 1.25	$ 1.20	$ 1.10
No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED GRANDIFLORA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Carrousel, (9.0) 3 F. Patent No. 1066. (Retails $2.00 ea.; 3 or more $1.75 ea.) Large double flowers of the Hybrid Tea class borne in clusters like a Floribunda. Continuous deep red flowers regardless of weather. Mildew resistant.				
No. 1	$1.10	$ 1.00	$ .95	$ .85
No. 1½	.88	.80	.76	.68
June Bride, (7.5) 3 F. Patent No. 1770. (Retails $2.50 ea.; 3 or more $2.20 ea.) Fine pointed bud opens white tinged cream. Long lasting bloom both on bush and as cut flower. Does well in dry weather. Vigorous plant with excellent foliage.				
No. 1	1.40	1.25	1.20	
No. 1½	1.12	1.00	.96	
Montezuma, (8.5) 3 S. Patent No. 1383. (Retails $2.75 ea.; 3 or more $2.40 ea.) Long buds of bright scarlet-orange slowly change to an attractive salmon-orange as large double blooms unfold. Flowers in long-stemmed clusters. Free blooming.				
No. 1	1.50	1.37½	1.30	1.20
No. 1½	1.20	1.10	1.04	.96
Queen Elizabeth, (9.0) 3 F. Patent No. 1259. (Retails $2.50 ea.; 3 or more $2.20 ea.) Pure pink blooms of the hybrid tea type borne on long stems. Glossy deep green foliage. A.A.R.S. Award for 1955.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
Pink Parfait, ( ) 3 F. Patent No. 1904. (Retails $3.50 ea.; 3 or more $3.10 ea.) Perfect buds and high centered blooms borne profusely on a robust plant, all ideal for cutting. Delicate pastel blends vary with the weather from salmon-buff at the heart of the flower to rich rose-pink at the tips of the petals. Disease resistant. A.A.R.S. Award 1961.				
No. 1½	1.52	1.40		
Starfire, (8.1) Patent No. 1742. (Retails $3.00 ea.; 3 or more $2.65 ea.) Produces bright cherry-red blooms, both singly and in clusters, and is exceptionally hardy. Its growth is compact, and luxuriant bronze foliage sets off the blooms in a distinctive manner. 1959 A.A.R.S Award.				
No. 1	1.65	1.50	1.40	1.30
No. 1½	1.32	1.20	1.12	1.04

BROWNELL SUB-ZERO HYBRID TEA

These plants from hardier species, Wichuraiana Hybrids, are reported by the originator as being equal in every way with the more tender Hybrid Teas. Many times longer lived even after sub-zero winters.

	10-20 Each	20-100 Each	100-250 Each
Curly Pink, (7.8) 3 F. Patent No. 842. (Retails $1.85 ea.; $18.00 per doz.) Large, very double deep rose-pink blooms borne profusely on a dwarf compact bush with dark glossy foliage.			
No. 1	$1.00	$ .90	$ .85
No. 1½	.80	.72	.68
Lily Pons, ( ) 3 F. Patent No. 420. (Retails $1.85 ea.; $18.00 per doz.) Large, high-centered, spectrum-yellow center shading to white on outer petals. Long strong stems. Glossy foliage. Vigorous, profuse bloomer.			
No. 1	1.00	.90	.85
No. 1½	.80	.72	.68
Orange Ruffels, (6.2) 2 F. (Retails $1.85 ea.; $18.00 per doz.) Long pointed bud opening into a double, curled and frilled flower of orange shading to saffron yellow. Dark glossy foliage.			
No. 1	1.00	.90	.85
No. 1½	.80	.72	.68
Queen o' the Lakes, (7.6) 2 F. Patent No. 1003. (Retails $1.85 ea.; $18.00 per doz.) Large, double flowers of blood-red to carmine. Glossy foliage on a dwarf bushy plant.			
No. 1	1.00	.90	.85
No. 1½	.80	.72	.68
V for Victory, (6.6) 3 V. Patent No. 543. (Retails $1.85 ea.; $18.00 per doz.) Long pointed buds open to double flowers of spectrum-yellow with red at center. Large glossy foliage on a vigorous bushy plant.			
No. 1	1.00	.90	.85
No. 1½	.80	.72	.68

Peonies

The roots offered are strong 3/5 eye divisions, true to name, and from healthy 3 year old clumps.

Number after name of variety represents rating given it by the American Peony Society.

David Harum, (8.4) Double clear bright crimson. Strong stems. Good cut flower. Midseason.
Felix Crousse, (8.4) Brilliant crimson of even tone and silky lustre. Midseason.
Francois Ortegat, (8.7) Purplish crimson. Midseason.
Georgiana Shaylor, (8.9) Fragrant light rose pink. Guard and center petals splashed crimson. Late midseason.
Karl Rosenfield, (8.8) Very large, semi-rose type. Brilliant red. Late midseason.
Rachel, (7.9) Rose type. Large double garnet flowers. Midseason.
midseason.

	Per 10	Per 100
Above varieties	$ 4.00	$ 35.00

Lady Alexandra Duff, (9.1) Large blooms in clusters with smaller side flowers. Pale blush-pink, almost white. Yellow stamens. Midseason.
Mary Brand, (8.7) Red with little trace of purple. Long lasting cut flower. Does not fade in sun. Midseason.

	Per 10	Per 100
Above varieties	$ 6.00	$ 55.00

Myrtle Gentry, (9.6) Light pink that gradually fades to almost pure white. The large bloom is perfect rose form with great broad rounded petals of wonderful substance. Tints of flesh and salmon show throughout the petals. Strong stems hold flowers well above the foliage. Tea rose fragrance. Late. $ .70 each

Hardy Perennial Plants

Our assortment of Hardy Perennials. Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root.

	Per 10	Per 100
ACHILLEA, Milfoil or Yarrow		
Filipendulina (Fernleaf Yarrow). Golden floral heads during summer. Splendid for cutting and perennial border. 2 to 3 feet.	$ 1.80	$ 15.00
Ptarmica, The Pearl (Sneezewort Yarrow). Large double white blooms during summer. Fine for cutting and borders. 18 inches.	2.10	18.00
ALTHEA rosea. Hollyhock. Garden favorites in separate colors. Double. **Pink, Red, White, Yellow**	1.80	15.00
ALYSSUM, Rock Madwort		
Saxatile compactum, Goldentuft Alyssum. Large clusters of bright yellow flowers in early spring. Fine for rockery or border. One of the best early yellows to use with Tulips. 12 inches.	1.80	15.00
AQUILEGIA, Columbine. May-June.		
Chrysantha, best long-spurred golden yellow flowers, 2½ ft. Late.	2.10	18.00
Lavender and Blue Shades, long spurred flowers. 2 ft.	1.80	15.00
Rose Queen, rose with white corolla. 18 in.	1.80	15.00

HARDY PERENNIAL PLANTS—Continued

	Per 10	Per 100
ASTERS, HARDY — Starwort or Michaelmas Daisy. Sept.-Oct.		
Beechwood Challenger, clear crimson-red, free-flowering. 3½ ft.	$ 2.10	$ 18.00
Blue Lagoon, new variety of Nova-Belgii type.	2.10	18.00
Mt. Everest, finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growth, which flowers right down to the ground. Very small eye. 3 to 4 ft.	2.10	18.00

CHRYSANTHEMUMS

Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we reserve the right to supply well-finished heavily rooted 2¼ inch pot plants.

	Per 10	Per 100
Algonquin, a very hardy variety with healthy foliage. Pure bright yellow flowers; large and double. Early.	$ 1.80	$ 15.00
Butterball, double, ball-like dark lemon yellow. Mid-August. 18 inch plant.	2.10	18.00
Chippewa, double blooms of bright aster-purple. Hardy. Early.	2.10	18.00
Courageous, large, double flowers to 3½ inches. Dark ruby-red Late.	2.10	18.00
Early Harvest, double mahogany orange blooms for two months. Excellent cushion type. Early. 16 inches.	2.10	18.00
Glacier, double blooms of pure glistening white. Compact plant. Early. 16 inches.	2.10	18.00
Indiana, double blooms of rich velvety crimson shaded darker at center. Long stems. Late. 24 inches.	2.40	20.00
Magnificent, unusual rosy cardinal blooms on a fine plant. Mid-season.	2.10	18.00
Pink No. 1092, lavender-pink upturned petals. Midseason. 18 in.	2.10	18.00
Purple Star, bright dahlia purple flowers of star-like shape. Early. 2 feet.	2.10	18.00
September Bronze, golden bronze pompon. Late. 12 inches.	2.10	18.00
Violet, double purple, dahlia like blooms. University of Minnesota introduction. Late August. 20 inches.	2.10	18.00
White Cloud, vigorous pure white with a touch of pink at the center. Midseason.	2.90	25.00
Yellow Avalanche, large, double, yellow Sport of Avalanche. Mid-season. 18-24 inch.	2.90	25.00

CHRYSANTHEMUMS — CUSHIONS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

	Per 10	Per 100
Bronze Cushion, double flowers in compact mounds of bronze and copper.	$ 1.80	$ 15.00
Lipstick, bright mound of crimson-red flowers on compact plant. Mid-September. 15 in.	2.10	18.00
Minnbronze, short bronze cushion. September 20.	3.00	25.00
Minnpink, rose-pink double blooms on compact plant. Prolific and hardy. Mid-September. 12 in.	3.00	25.00
Pink Cushion, masses of light pink flowers in broad mounds.	1.80	15.00
Powder Puff, best of the whites. Ivory white blooms on plant often twice as wide as high. Early September. 12 in.	3.00	25.00
Purple Cushion, perfectly shaped, round bushy plants covered with purplish rose flowers with deep wine centers.	2.40	20.00
Red Cushion, a splendid improved early crimson red.	1.80	15.00
White Cushion, double white flowers.	1.80	15.00
Yellow Cushion, pure golden yellow blooms that last well.	1.80	15.00

HARDY PERENNIAL PLANTS—Continued

	Per 10	Per 100
CHRYSANTHEMUM MAXIMUM, Shasta Daisy, June-July.		
Alaska Supreme, shapely plants, large flowers. June-July.	$ 1.20	$ 10.00
DIANTHUS BARBATUS, Old Fashioned Sweet William. This is the Old Fashioned Sweet William bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.		
Newport Pink, rich salmon pink. This variety being grown from seed is always partly mixed.	1.40	12.00
Nigricans, very dark crimson flowers; bronzy foliage.	1.40	12.00
Scarlet Beauty. 18 inches.	1.40	12.00

DIANTHUS GRENADIN CARYOPHYLLUS (HARDY CARNATION)

This is the hardiest of all outdoor carnations. Very fragrant, fully double, producing flowers on long stems. The finest of all varieties.

	Per 10	Per 100
Cardinal, bright scarlet	$ 1.80	$ 15.00
Golden Sun, early, double, large clear yellow flowers.	1.80	15.00
Rose Queen Triumph, deep delicate pink.	1.80	15.00
White	1.80	15.00
DICENTRA, Bleeding Heart.		
eximia, pink flowers. Fern leaves.	2.10	18.00
spectabilis, an old-fashioned favorite; its long racemes of graceful heart shaped pink flowers are always attractive. 12 in. Undivided plants. 3 to 5 eye.	4.50	40.00
GAILLARDIA		
Burgundy, rich wine-red; excellent for cutting. 18 to 24 inches.	1.80	15.00
Dazzler, large golden and maroon flowers on strong stems. 18 inches.	1.80	15.00
GYPSOPHLIA. Baby's Breath.		
paniculata, pinkish white. July. 2 feet.	1.20	10.00
HEMEROCALLIS, Day Lily.		
Flava, clear lemon-yellow, sweet scented, profuse. June. 2½ ft.	1.40	12.00
Hyperion, popular yellow with very large slightly fragrant flowers. Prolific bloomer. Mid-July to August. 3 feet.	3.20	30.00
HEUCHERA, Coral bells.		
Brizoides, coral-pink, very prolific. May. 12 in.	1.50	13.00
IBERIS, Hardy Candytuft.		
sempervirens, each plant is a sheet of white in May and June. Plants are dwarf, deep green foliage almost evergreen. 8 in.	1.40	12.00
LATHYRUS, Everlasting Sweet Pea.		
latifolium, lovely trailing plant that blooms all summer. Pink, Red and White. Separate colors. 3 ft.	1.40	12.00
LILY-OF-THE-VALLEY (Convallaria majalis) Very fragrant pure white bell-shaped flowers for shaded locations.		
Pips	.40	3.50
Clumps (10 pips each)	2.90	25.00

HARDY PERENNIAL PLANTS—Continued

	Per 10	Per 100
LYTHRUM		
Morden Rose, a neat compact plant of abundant dark green foliage. Rich rose red blooms in spikes to 4 feet.	$ 3.50	$ 30.00
The Beacon, for small border or large mass planting. The long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally well in wet semi-shade and open, dry sun. July to frost.	2.10	18.00

PHLOX — Paniculata

All varieties of Phlox are offered Field Grown; they have been twice transplanted, are vigorous and well developed.

	Per 10	Per 100
Adonis, scarlet crimson. Tall.	$ 2.50	$ 20.00
Antoinette Six, unusually large heads of pure white.	1.80	15.00
Border Queen, a fine gleaming rich pink.	1.80	15.00
B. Symone Jenne, large heads of clear pink.	2.10	18.00
Charles Curtis, brilliant sunset red. 2½ ft. Color does not fade.	2.10	18.00
Lillian, pure pink without any trace of magenta or rose. Very large florets. Blooms profusely.	1.80	15.00
Pink Charm, dwarf watermelon pink.	2.10	18.00
Pinkette, large florets of soft delicate pink.	2.10	18.00
Prime Minister, pure white and distinct crimson eye.	1.80	15.00
Progress, superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1¼ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2.10	18.00
World Peace, pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best white.	2.50	20.00
PHLOX, subulata, Moss or Mountain Pinks.		
Blue Emerald Cushion, a fine blue upon a mat of excellent emerald foliage.	2.10	18.00
Emerald Cushion, a new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping Phlox.	2.10	18.00
May Snow, an extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches.	2.10	-----
Moerheimi, an excellent Dutch introduction producing angel pink flowers in spring.	2.10	-----
PLATYCODON, Balloon Flower. June and July. 18 inch. Blue and Pink.	1.40	12.00
PYRETHRUM, Painted Daisy. May-June. 18 in.		
hybridum roseum, soft pink and rose shades, single.	1.40	12.00
Robinsons Dark Crimson, flowers crimson scarlet and immensely large. Strong long stems and very free flowering.	2.10	18.00
SALVIA (Sage)		
officinalis, edible, especially valuable for seasoning. 2 ft.	1.20	10.00
TEUCRIUM, Germander		
Chamaedrys, popular perennial hedge plant. Readily maintained to a height of 12 inches. Glossy, evergreen foliage.	2.50	22.50
YUCCA FILAMENTOSA		
Creamy-yellow. 6 foot. This plant with its broad sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery and stands out among all other plants. June-July. From root divisions.	2.10	18.00

HARDY PERENNIAL PLANTS—Continued

MEXICAN TUBEROSES

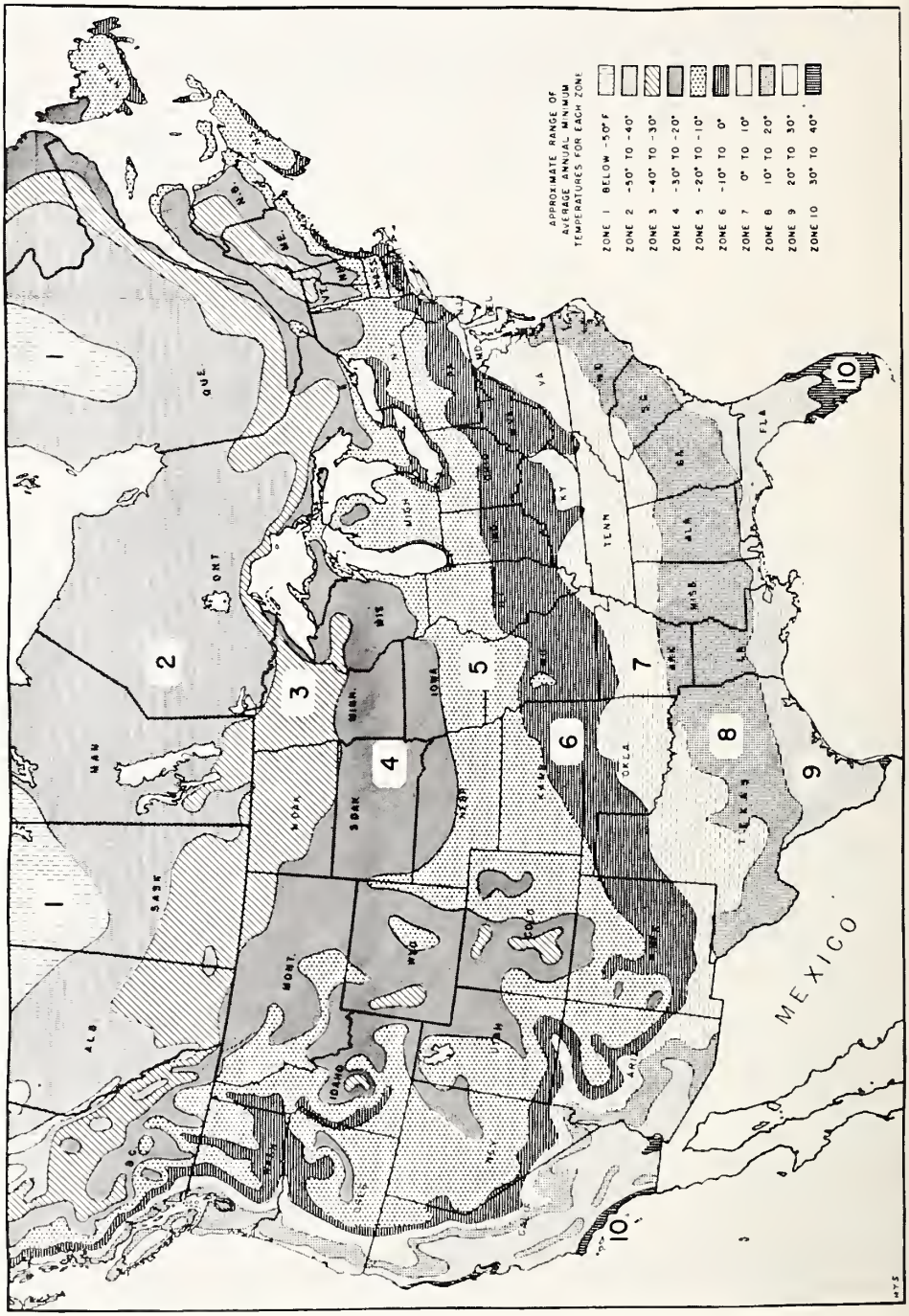
This is the best of all Tuberoses. Single flowering and very fragrant. Blooms July and August.

	Per 10	Per 100	Per 1000
No. 1	$ .80	$ 7.50	$ 65.00

Lilies

Domestic Grown

	Per 10	Per 100
tenuifolium (Coral Lily) Narrow-leaved; deep scarlet, waxen recurved flowers. June. 15 in.		
No. 1	$ 1.00	$ 8.00
No. 2	.70	6.00


APPROXIMATE RANGE OF AVERAGE ANNUAL MINIMUM TEMPERATURES FOR EACH ZONE
ZONE 1 BELOW -50° F
ZONE 2 -50° TO -40°
ZONE 3 -40° TO -30°
ZONE 4 -30° TO -20°
ZONE 5 -20° TO -10°
ZONE 6 -10° TO 0°
ZONE 7 0° TO 10°
ZONE 8 10° TO 20°
ZONE 9 20° TO 30°
ZONE 10 30° TO 40°
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